

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
 Data File : PL080735.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 17:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2023
 Supervised By : Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 23:55:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.359	2.688	35843256	37171041	16.711	16.923
28)	SA Decachlor...	8.795	7.837	29674930	30743750	16.950	12.904
Target Compounds							
2)	A alpha-BHC	3.807	3.189	25080221	24107441	7.917	7.580
3)	MA gamma-BHC...	4.136	3.518	23671618	22842910	8.052	7.647
6)	B beta-BHC	4.333	3.813	8280426	11096551	6.066	8.314m#
14)	MA Endrin	6.365	5.551	69375992	77872049	32.078	33.549
16)	A 4,4'-DDD	6.515	5.702	1512399	273839	0.826m	0.146m#
17)	MA 4,4'-DDT	6.821	5.955	162.3E6	160.1E6	78.096	76.170
18)	B Endrin al...	6.713	6.025	1834532	1631014	1.103	0.893m
20)	A Methoxychlor	7.299	6.533	213.7E6	221.3E6	193.694	182.375
21)	B Endrin ke...	7.427	6.751	2539880	3953529	1.151m	1.548m#

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

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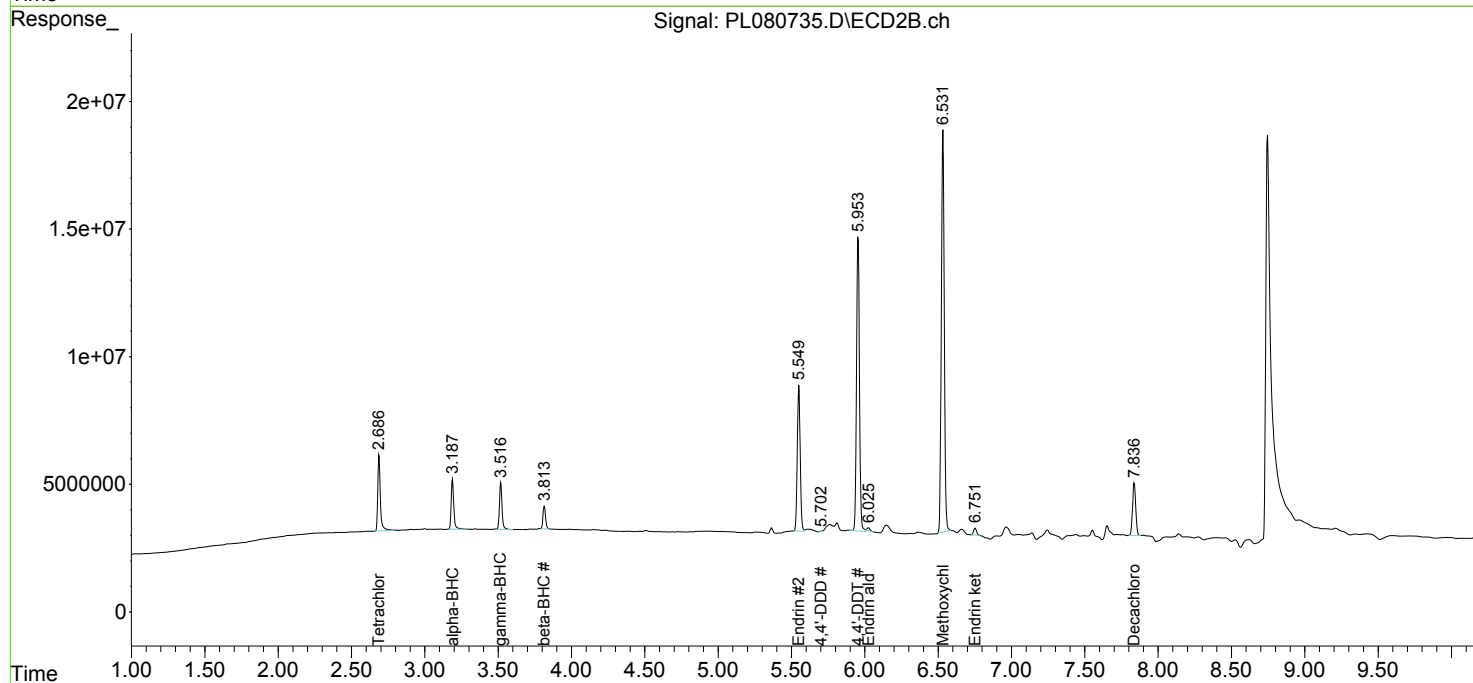
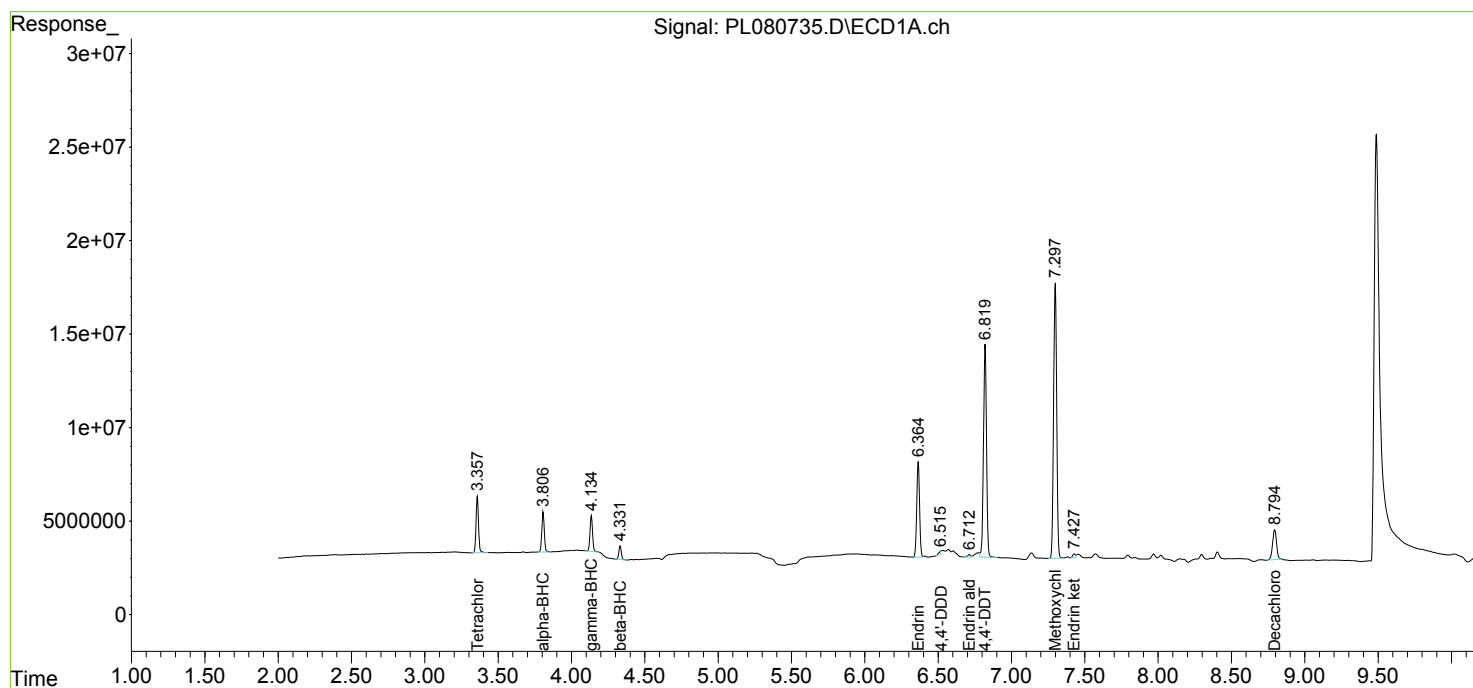
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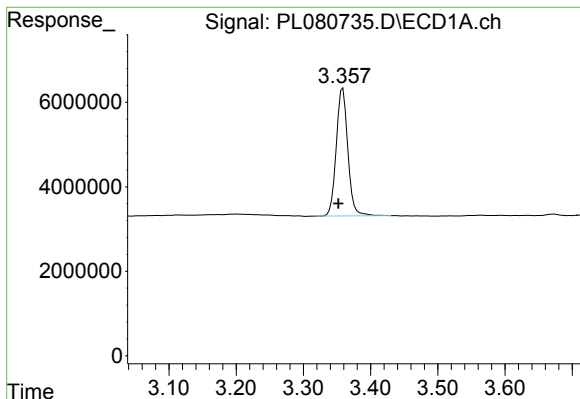
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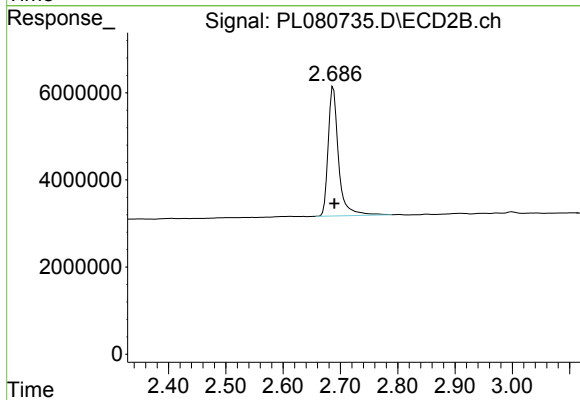
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.007 min
Response: 35843256
Conc: 16.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

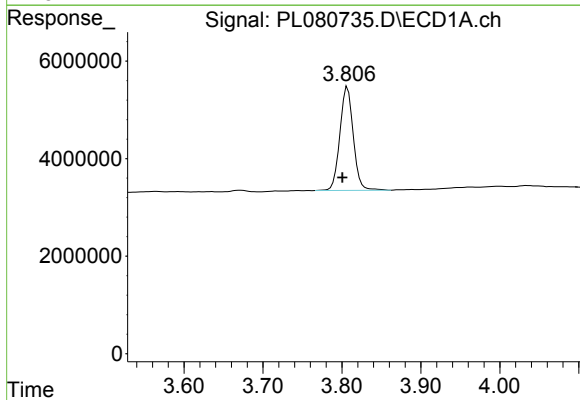
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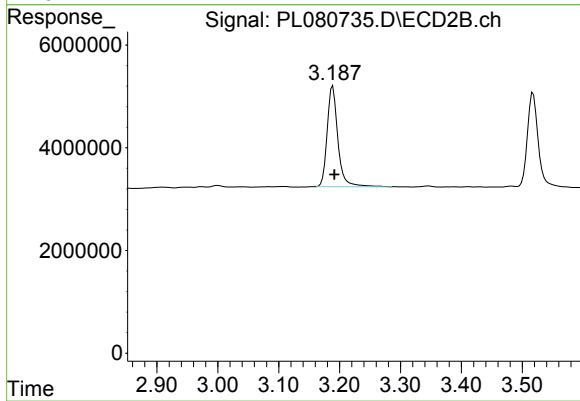
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 37171041
Conc: 16.92 ng/ml



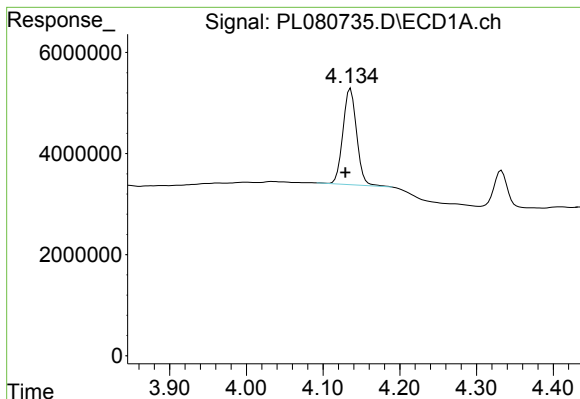
#2 alpha-BHC

R.T.: 3.807 min
Delta R.T.: 0.006 min
Response: 25080221
Conc: 7.92 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 24107441
Conc: 7.58 ng/ml



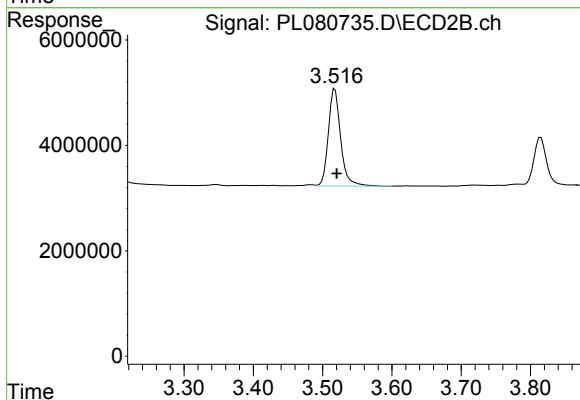
#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: 0.006 min
Response: 23671618
Conc: 8.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

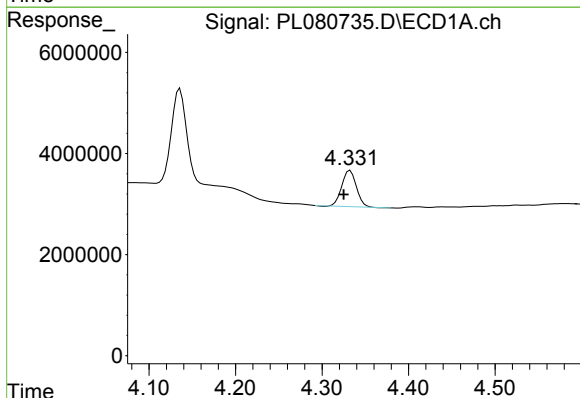
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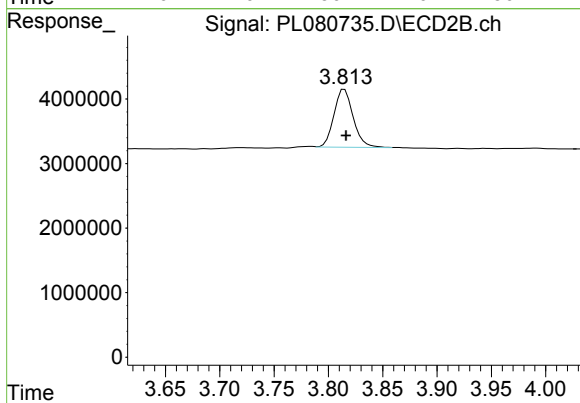
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 22842910
Conc: 7.65 ng/ml



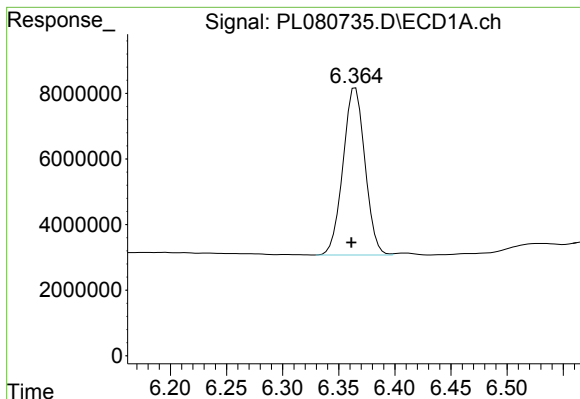
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.007 min
Response: 8280426
Conc: 6.07 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 11096551
Conc: 8.31 ng/ml m



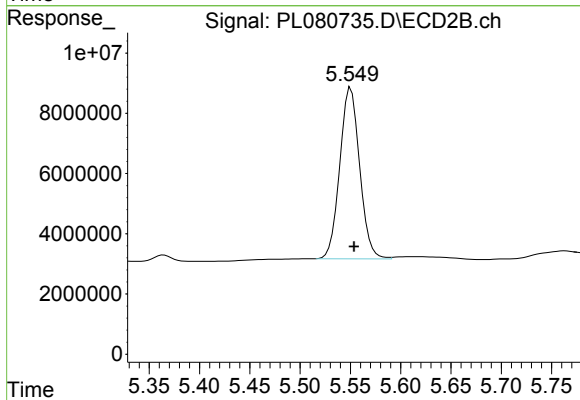
#14 Endrin

R.T.: 6.365 min
Delta R.T.: 0.004 min
Response: 69375992
Conc: 32.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

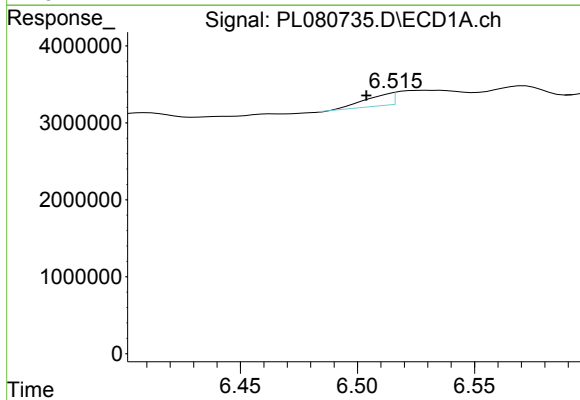
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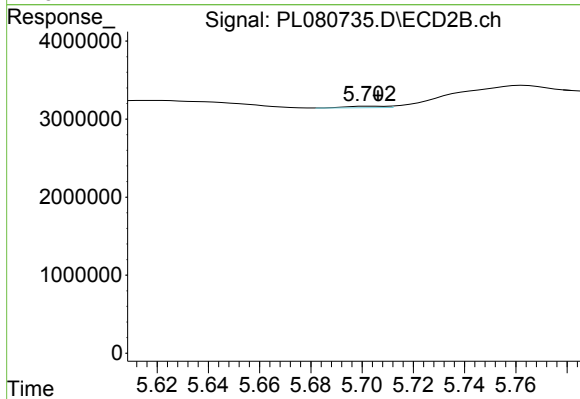
#14 Endrin

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 77872049
Conc: 33.55 ng/ml



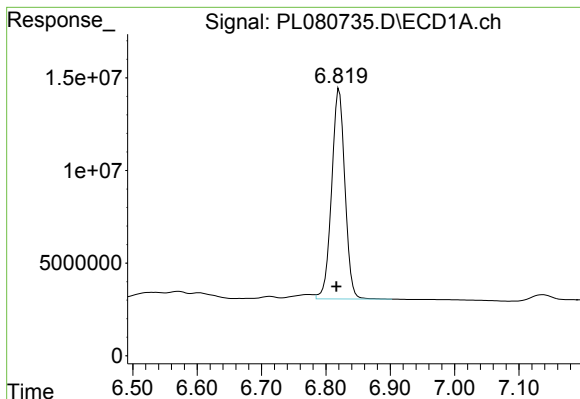
#16 4,4'-DDD

R.T.: 6.515 min
Delta R.T.: 0.011 min
Response: 1512399
Conc: 0.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 273839
Conc: 0.15 ng/ml m



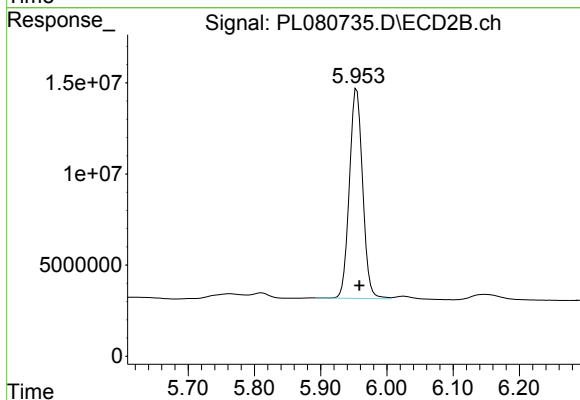
#17 4,4'-DDT

R.T.: 6.821 min
Delta R.T.: 0.004 min
Response: 162257790
Conc: 78.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

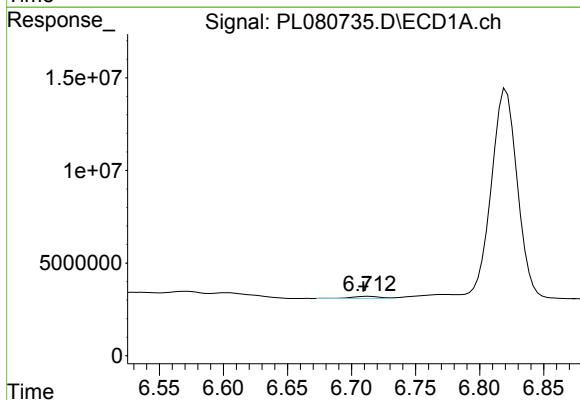
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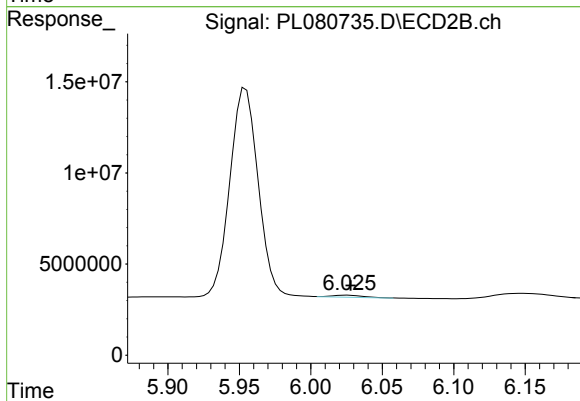
#17 4,4'-DDT

R.T.: 5.955 min
Delta R.T.: -0.004 min
Response: 160070613
Conc: 76.17 ng/ml



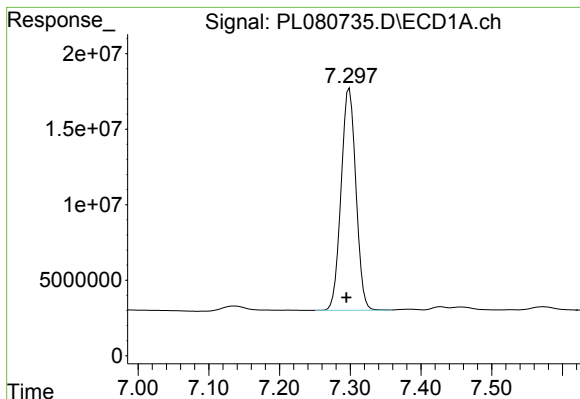
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.004 min
Response: 1834532
Conc: 1.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 1631014
Conc: 0.89 ng/ml m



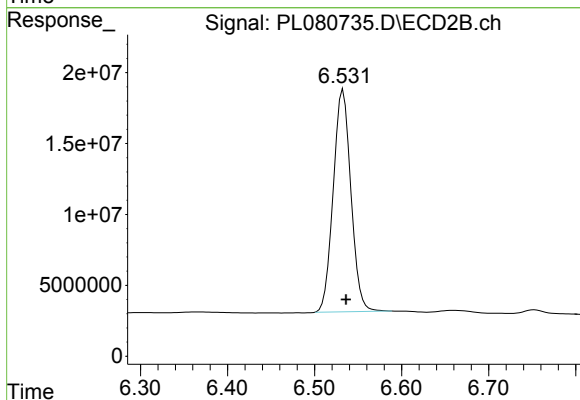
#20 Methoxychlor

R.T.: 7.299 min
Delta R.T.: 0.004 min
Response: 213700309
Conc: 193.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

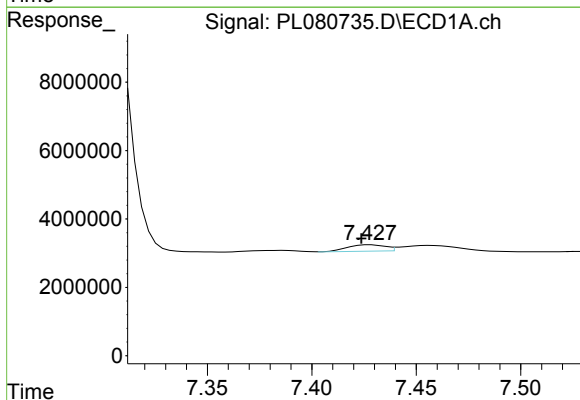
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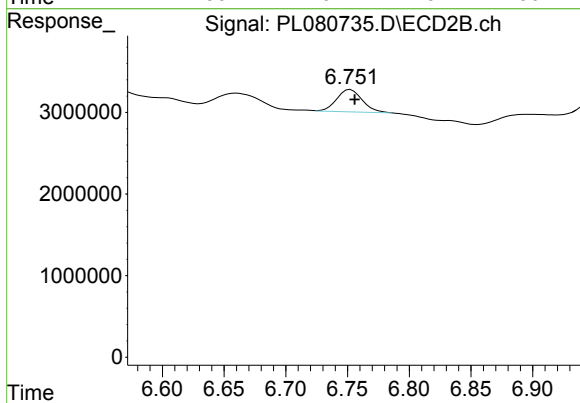
#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.003 min
Response: 221306090
Conc: 182.38 ng/ml



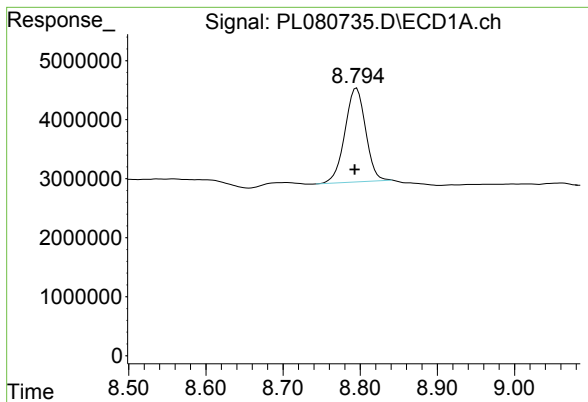
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.003 min
Response: 2539880
Conc: 1.15 ng/ml m



#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 3953529
Conc: 1.55 ng/ml m



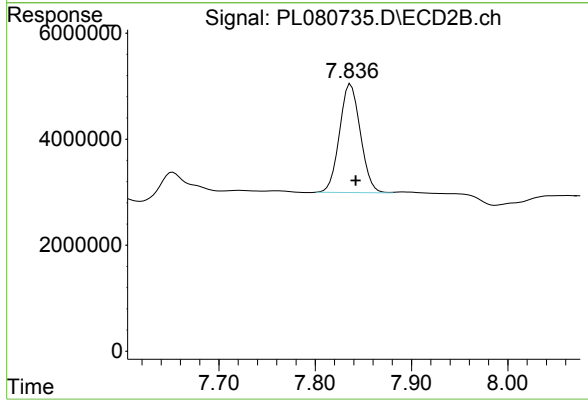
#28 Decachlorobiphenyl

R.T.: 8.795 min
Delta R.T.: 0.002 min
Response: 29674930
Conc: 16.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 30743750
Conc: 12.90 ng/ml