

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 16:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/10/2023
 Supervised By : Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 20:25:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.333	2.664	32842017	37232770	15.201	18.397
28)	SA Decachlor...	8.757	7.786	29913372	34433603	19.621	17.976
Target Compounds							
2)	A alpha-BHC	3.782	3.164	21989643	24464561	6.912	8.348
3)	MA gamma-BHC...	4.111	3.492	21753023	22486249	7.353	8.174
6)	B beta-BHC	4.313	3.791	12494574	11566762	9.077	9.966
12)	B 4,4'-DDE	5.970	5.113	254972	210509	0.130	0.107m
14)	MA Endrin	6.336	5.513	72090056	81078197	39.665	40.345
16)	A 4,4'-DDD	6.481	5.663	1172695	1111533	0.762	0.725m
17)	MA 4,4'-DDT	6.791	5.914	145.5E6	154.4E6	91.661	96.247
18)	B Endrin al...	6.686	5.991	2171435	3229738	1.517m	2.132 #
20)	A Methoxychlor	7.272	6.493	197.0E6	208.9E6	228.743	225.053
21)	B Endrin ke...	7.401	6.718	3260389	4641588	1.797	2.156

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

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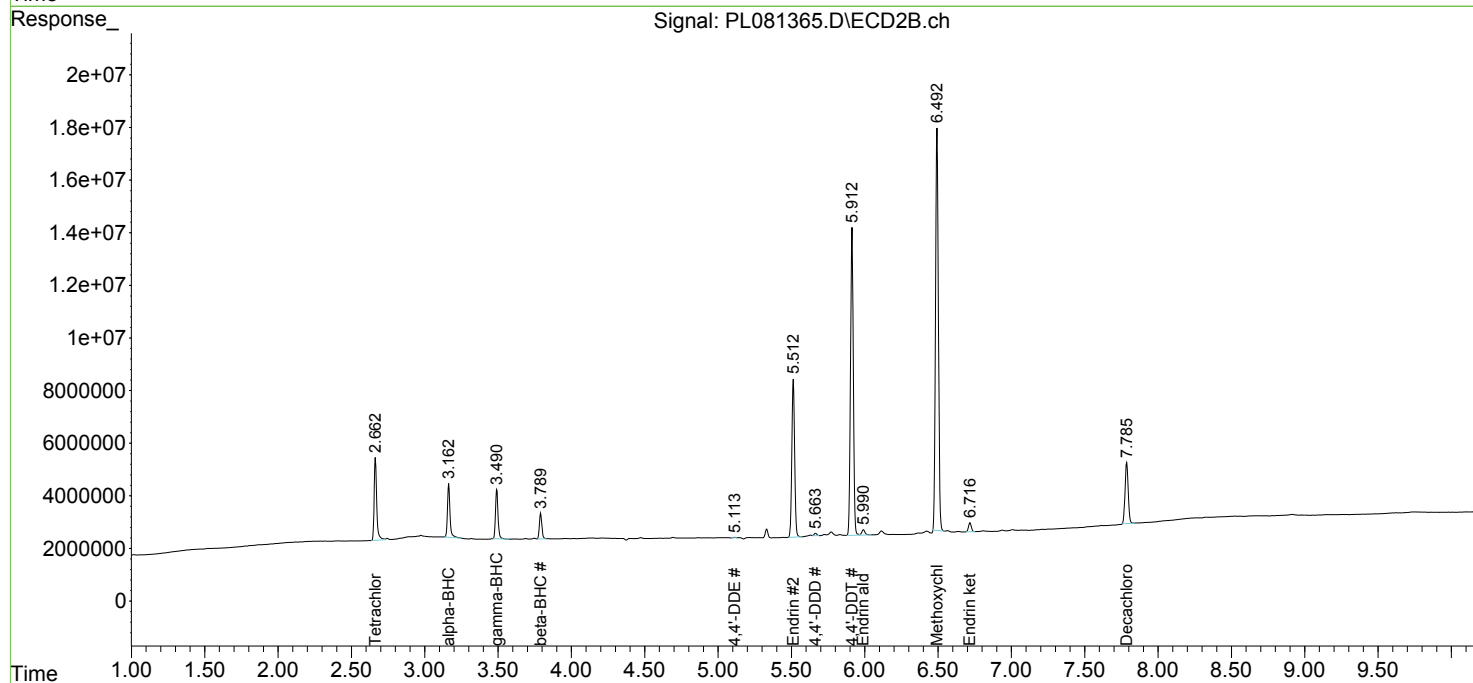
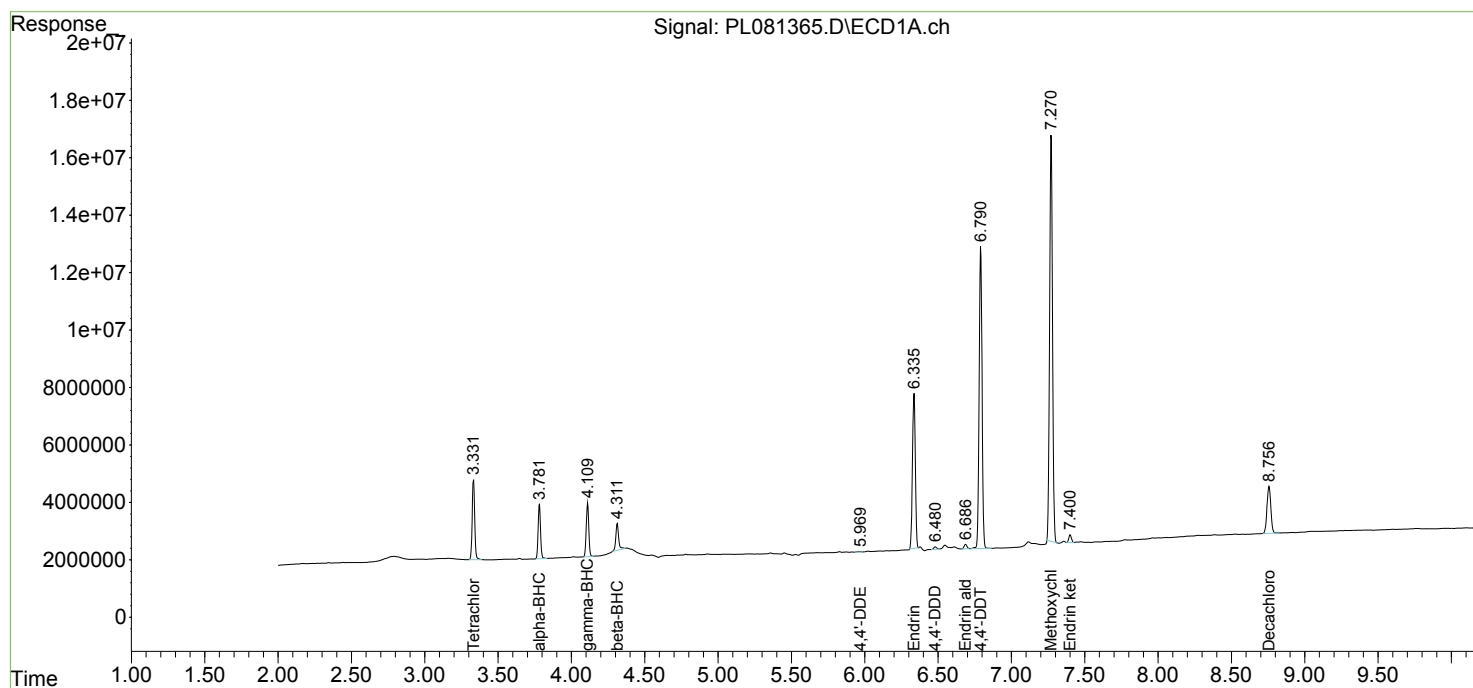
Instrument :
ECD_L
ClientSampleId :
PEM

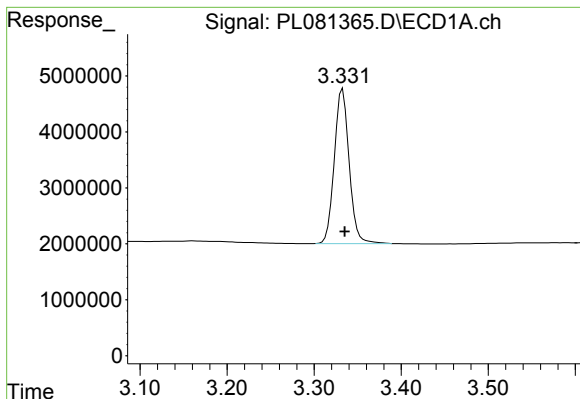
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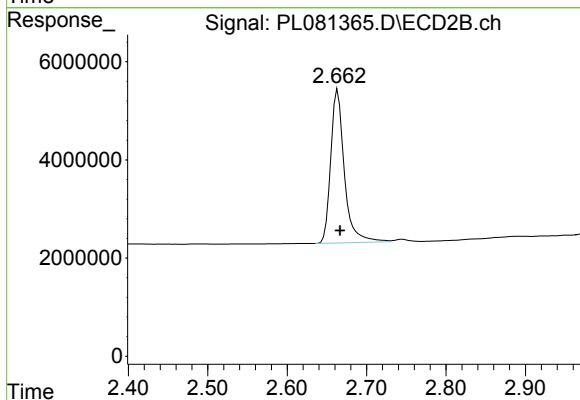
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 32842017
Conc: 15.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

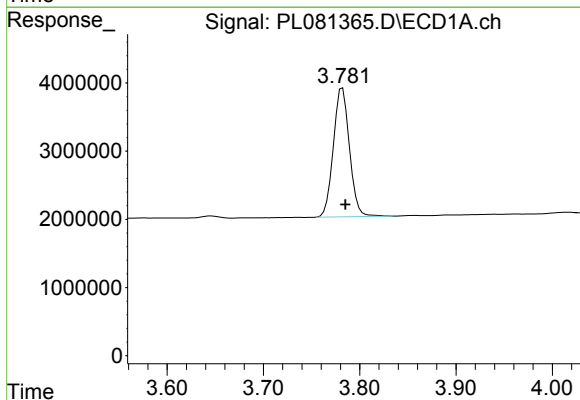
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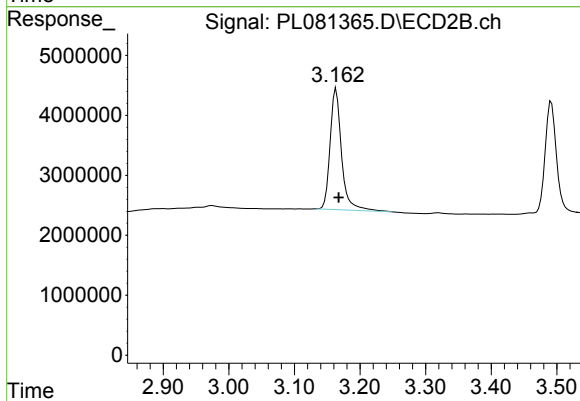
#1 Tetrachloro-m-xylene

R.T.: 2.664 min
Delta R.T.: -0.003 min
Response: 37232770
Conc: 18.40 ng/ml



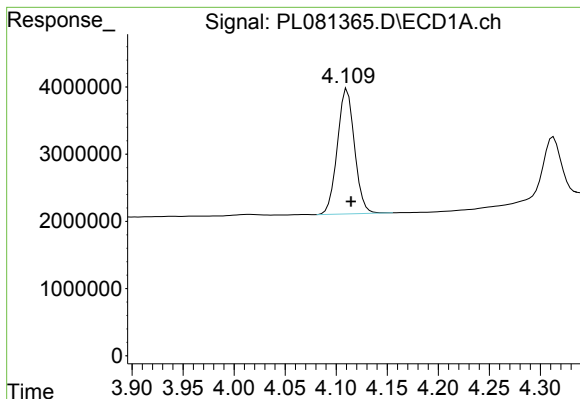
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 21989643
Conc: 6.91 ng/ml



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.004 min
Response: 24464561
Conc: 8.35 ng/ml



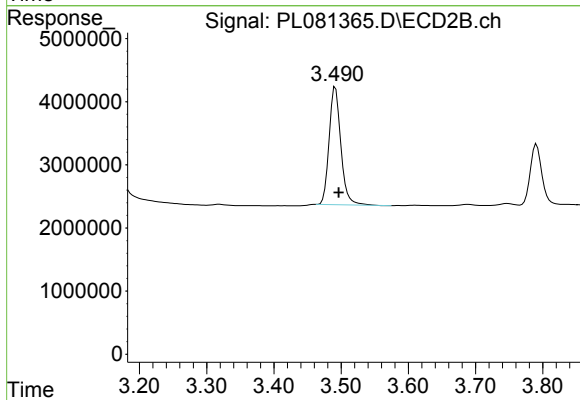
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.004 min
Response: 21753023
Conc: 7.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

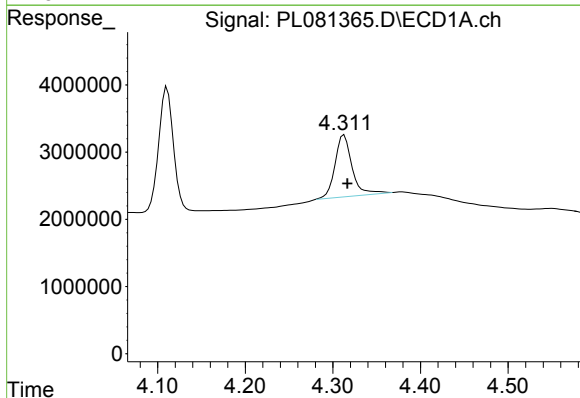
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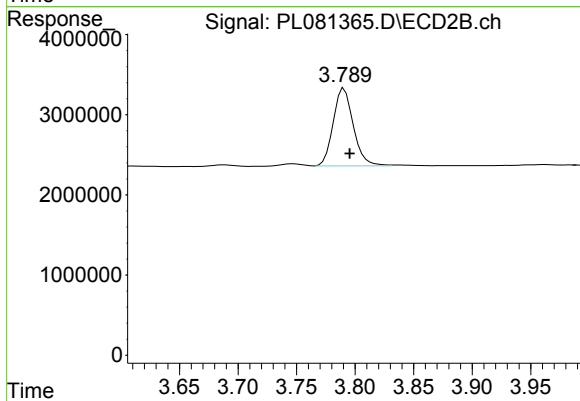
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.005 min
Response: 22486249
Conc: 8.17 ng/ml



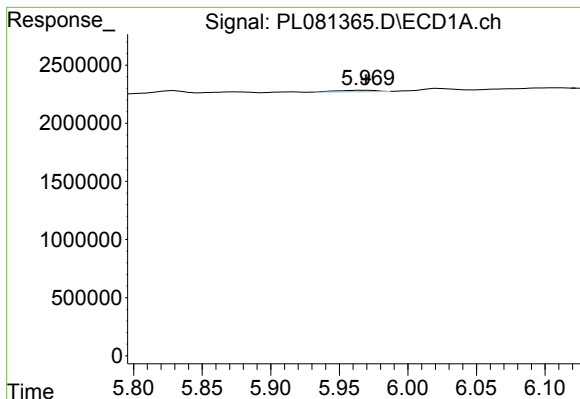
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.004 min
Response: 12494574
Conc: 9.08 ng/ml



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: -0.005 min
Response: 11566762
Conc: 9.97 ng/ml



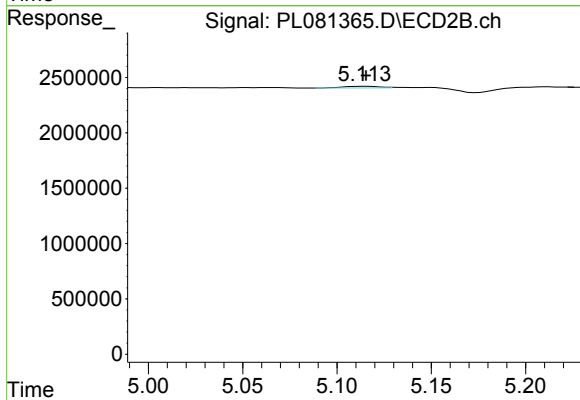
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 254972
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

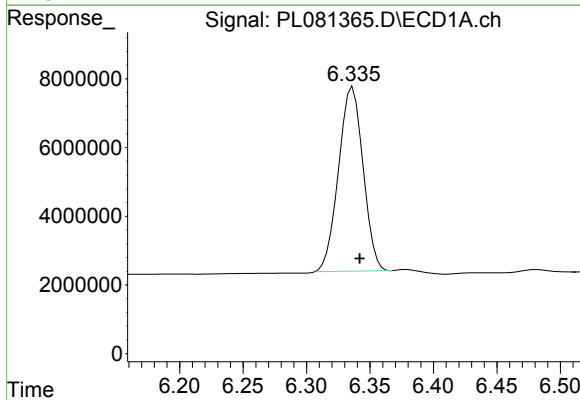
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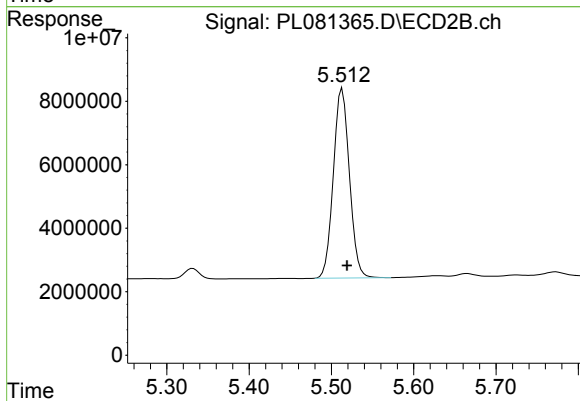
#12 4,4'-DDE

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 210509
Conc: 0.11 ng/ml m



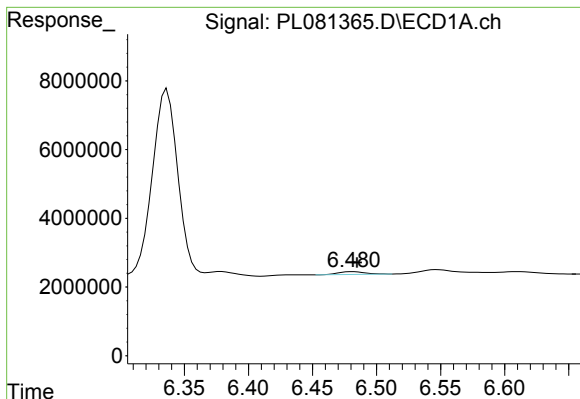
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 72090056
Conc: 39.66 ng/ml



#14 Endrin

R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 81078197
Conc: 40.34 ng/ml



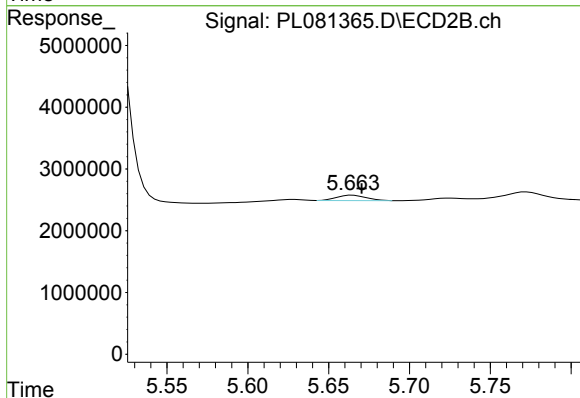
#16 4,4'-DDD

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 1172695
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

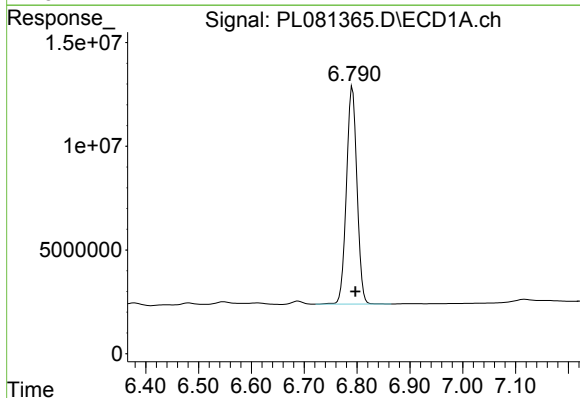
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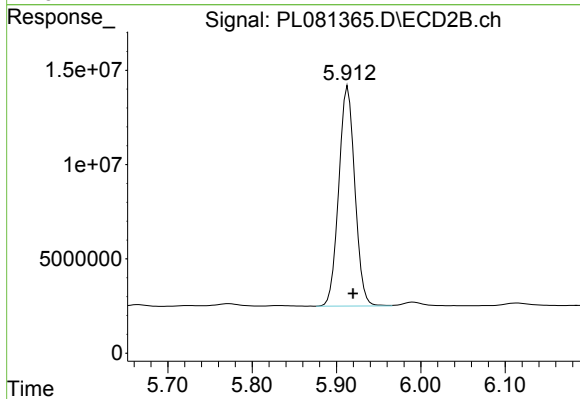
#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.007 min
Response: 1111533
Conc: 0.72 ng/ml m



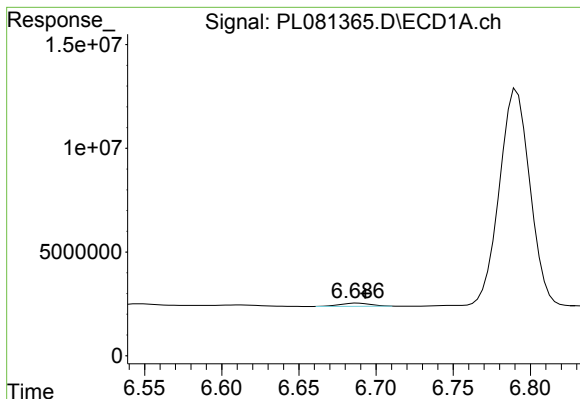
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 145494658
Conc: 91.66 ng/ml



#17 4,4'-DDT

R.T.: 5.914 min
Delta R.T.: -0.006 min
Response: 154409432
Conc: 96.25 ng/ml



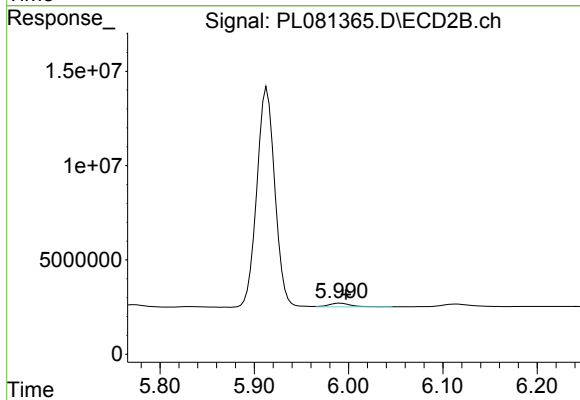
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 2171435
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

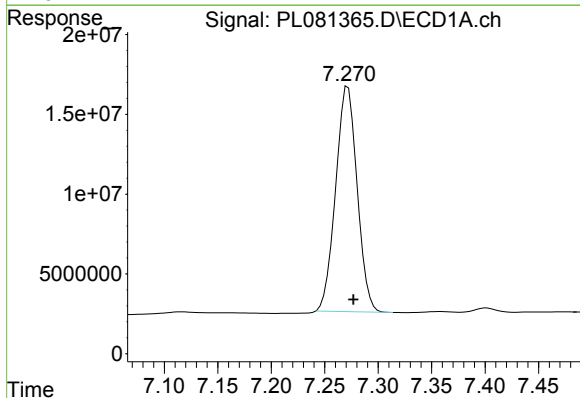
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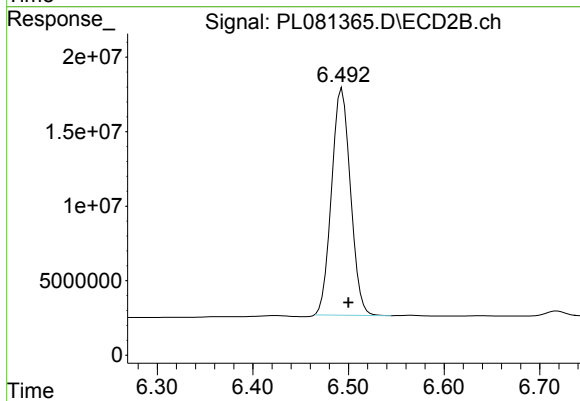
#18 Endrin aldehyde

R.T.: 5.991 min
Delta R.T.: -0.006 min
Response: 3229738
Conc: 2.13 ng/ml



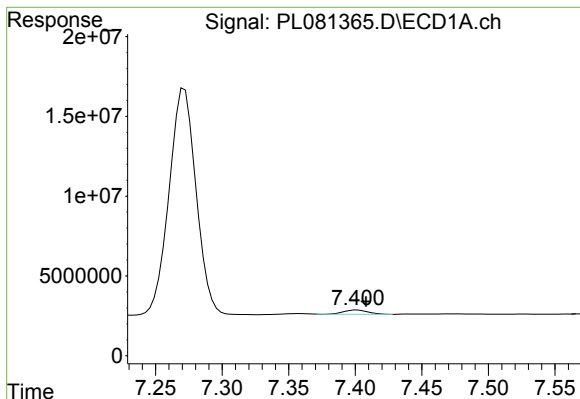
#20 Methoxychlor

R.T.: 7.272 min
Delta R.T.: -0.005 min
Response: 197030761
Conc: 228.74 ng/ml



#20 Methoxychlor

R.T.: 6.493 min
Delta R.T.: -0.007 min
Response: 208870241
Conc: 225.05 ng/ml



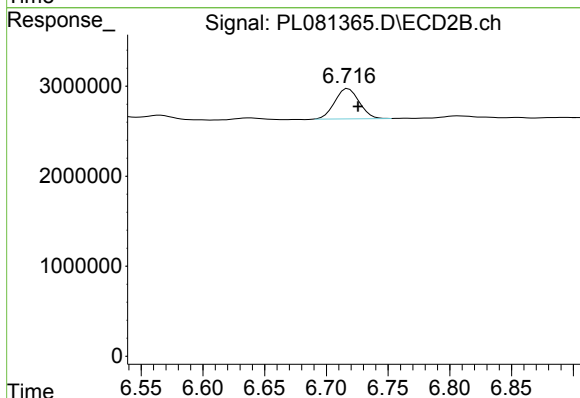
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 3260389
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

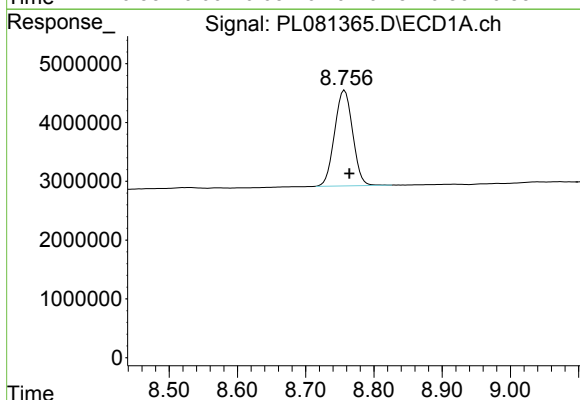
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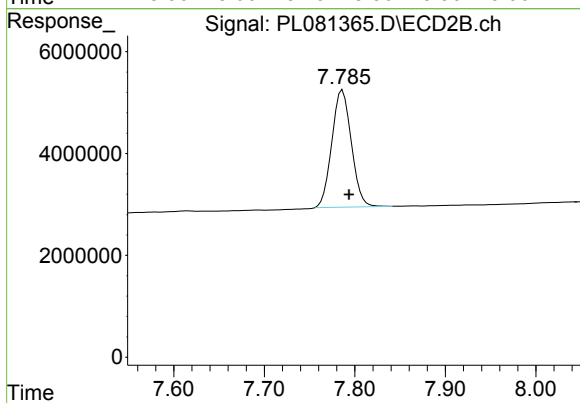
#21 Endrin ketone

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 4641588
Conc: 2.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: -0.007 min
Response: 29913372
Conc: 19.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.786 min
Delta R.T.: -0.007 min
Response: 34433603
Conc: 17.98 ng/ml