

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042220\
 Data File : PL058290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2020 10:12
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 00:52:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 04 06:41:11 2020
 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...	3.455	3.954	225.5E6	44368724	22.371	20.445
28)	SA Decachlor...	8.203	8.976	230.9E6	45188913	22.402	20.230
Target Compounds							
2)	A alpha-BHC	3.892	4.341	181.6E6	31115499	10.453	9.476
3)	MA gamma-BHC...	4.175	4.624	161.2E6	31132840	11.090	9.584
6)	B beta-BHC	4.426	4.797	76929873	15285862	12.182m	11.008
12)	B 4,4'-DDE	5.612	6.274	2489459	484320	0.190m	0.164m
14)	MA Endrin	6.005	6.638	656.7E6	128.2E6	56.261	51.309
16)	A 4,4'-DDD	6.131	6.764	18766608	4493164	1.878	1.969
17)	MA 4,4'-DDT	6.371	7.062	1177.4E6	218.8E6	116.003	98.210
18)	B Endrin al...	6.443	6.971	6014933	899684	0.643m	0.405m#
20)	A Methoxychlor	6.916	7.521	1393.1E6	282.4E6	252.710	221.995
21)	B Endrin ke...	7.147	7.662	19846806	4173118	1.783m	1.688

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

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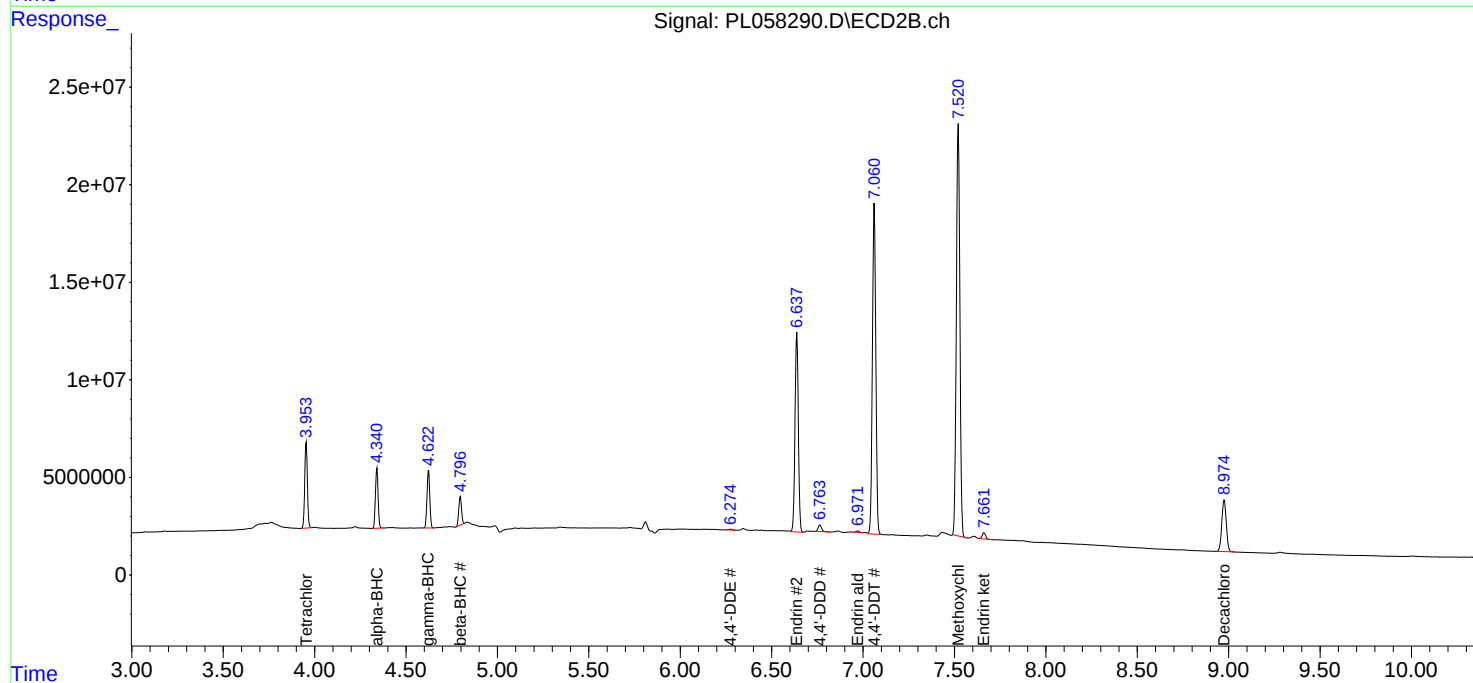
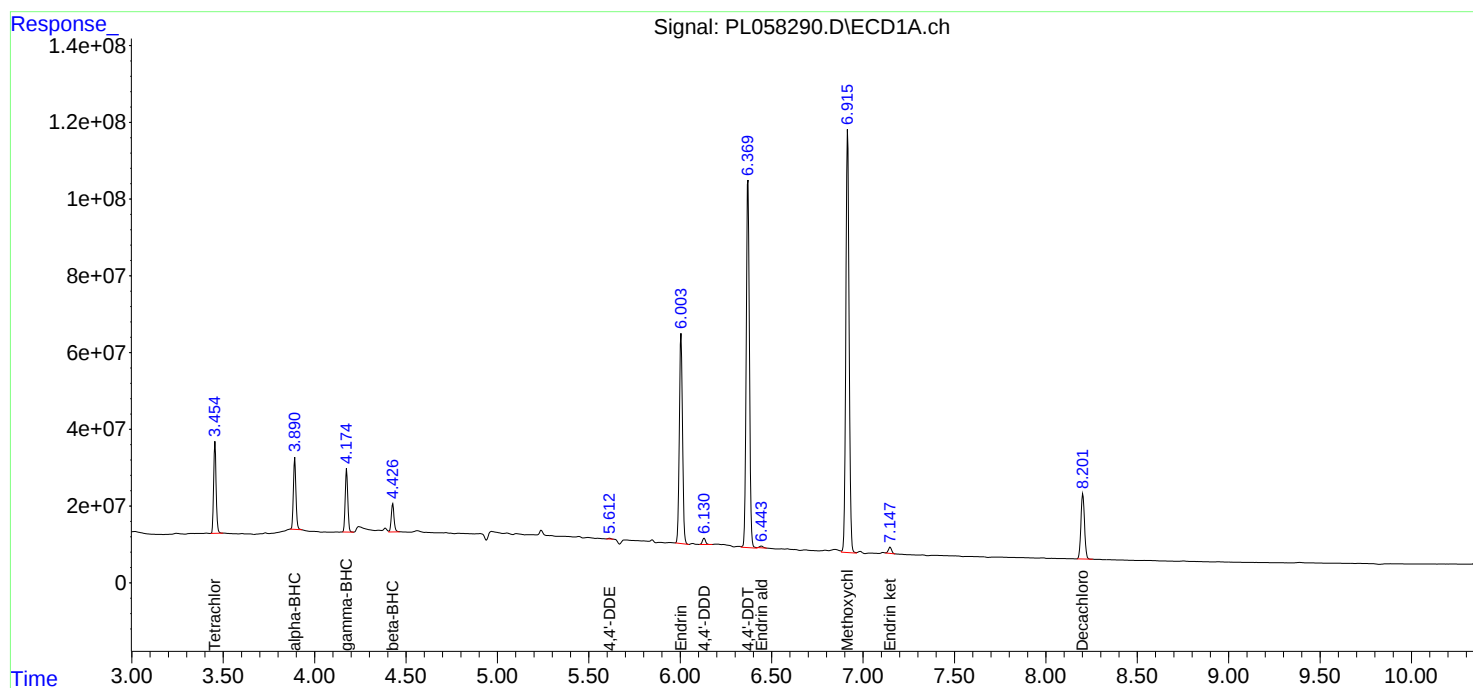
Instrument :
ECD_L
ClientSampleId :
PEM

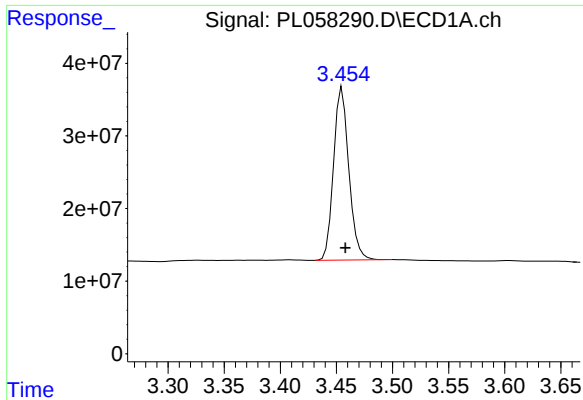
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Integration File signal 1: autoint1.e
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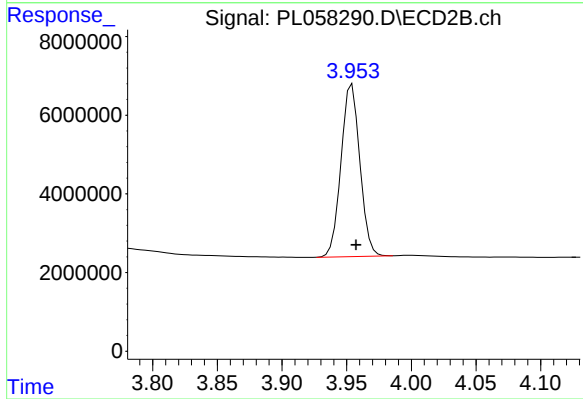
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: -0.003 min
Response: 225526432
Conc: 22.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

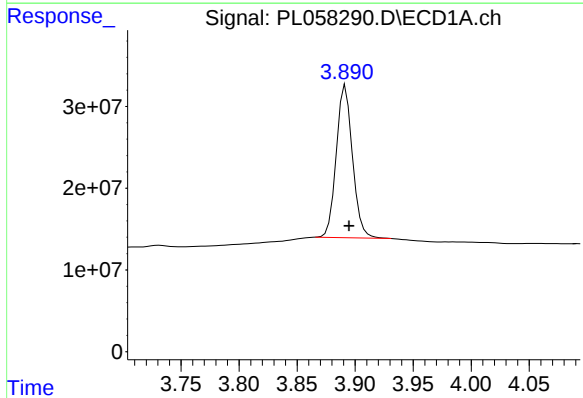
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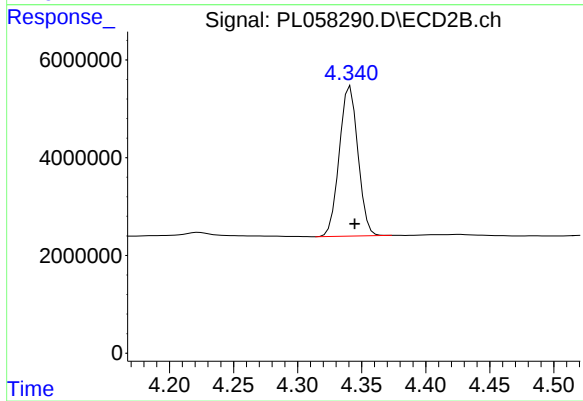
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: -0.003 min
Response: 44368724
Conc: 20.45 ng/ml



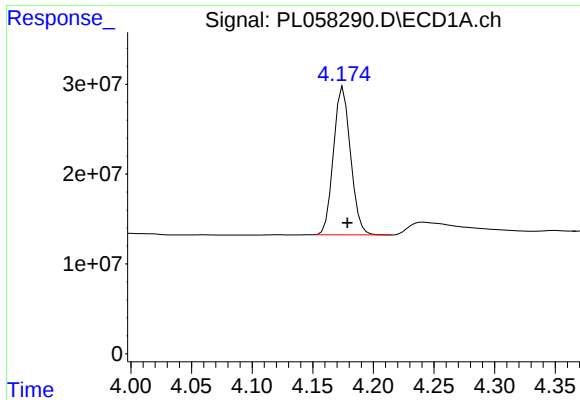
#2 alpha-BHC

R.T.: 3.892 min
Delta R.T.: -0.003 min
Response: 181584576
Conc: 10.45 ng/ml



#2 alpha-BHC

R.T.: 4.341 min
Delta R.T.: -0.004 min
Response: 31115499
Conc: 9.48 ng/ml



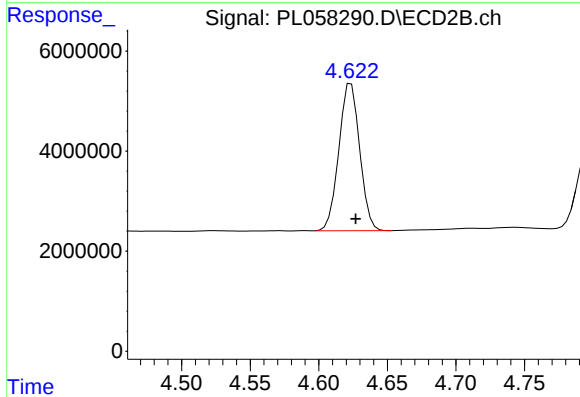
#3 gamma-BHC (Lindane)

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 161193005
Conc: 11.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

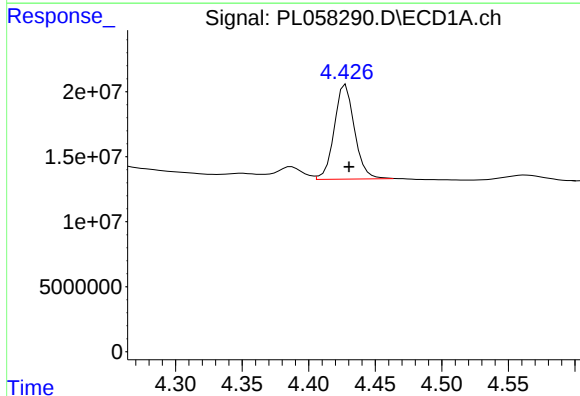
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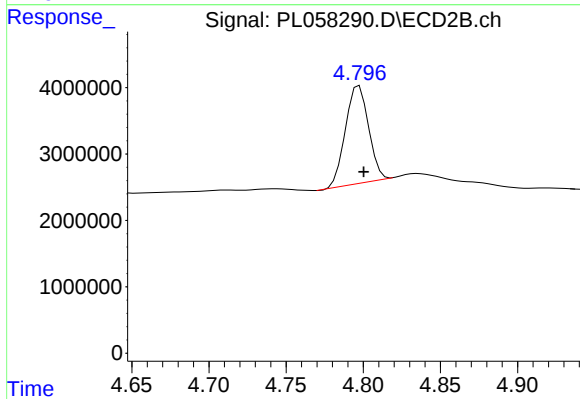
#3 gamma-BHC (Lindane)

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 31132840
Conc: 9.58 ng/ml



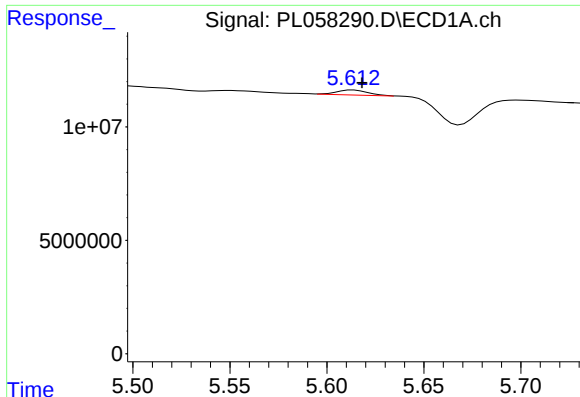
#6 beta-BHC

R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 76929873
Conc: 12.18 ng/ml m



#6 beta-BHC

R.T.: 4.797 min
Delta R.T.: -0.003 min
Response: 15285862
Conc: 11.01 ng/ml



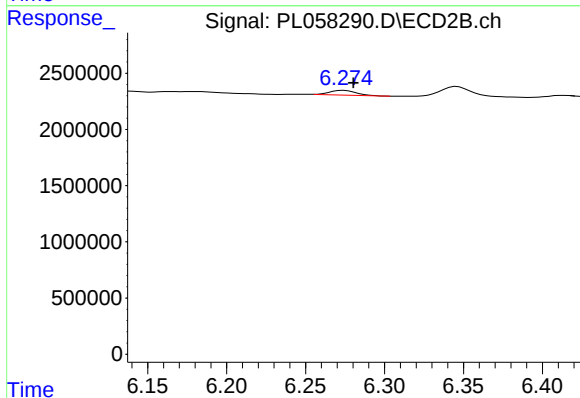
#12 4,4'-DDE

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 2489459
Conc: 0.19 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

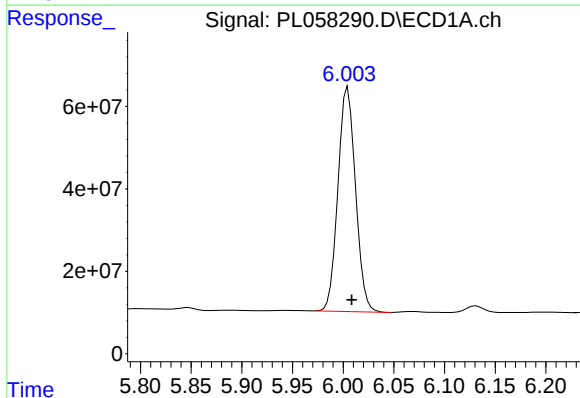
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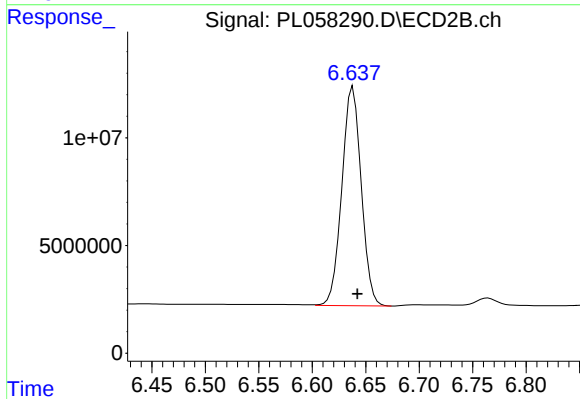
#12 4,4'-DDE

R.T.: 6.274 min
Delta R.T.: -0.006 min
Response: 484320
Conc: 0.16 ng/ml m



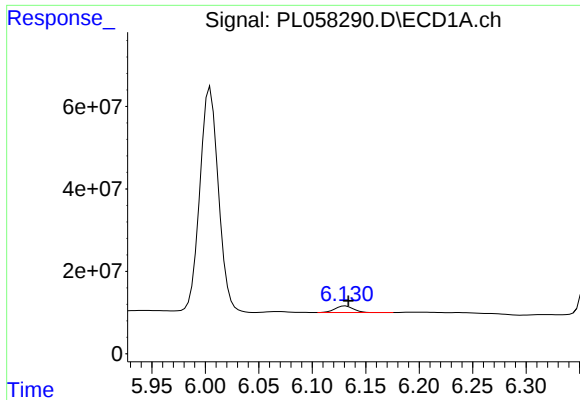
#14 Endrin

R.T.: 6.005 min
Delta R.T.: -0.004 min
Response: 656720661
Conc: 56.26 ng/ml



#14 Endrin

R.T.: 6.638 min
Delta R.T.: -0.004 min
Response: 128197748
Conc: 51.31 ng/ml



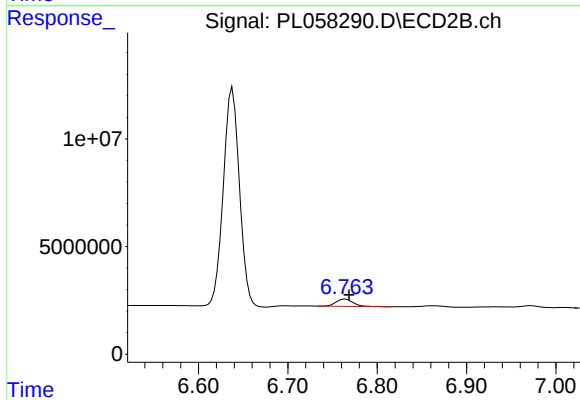
#16 4,4'-DDD

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 18766608
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

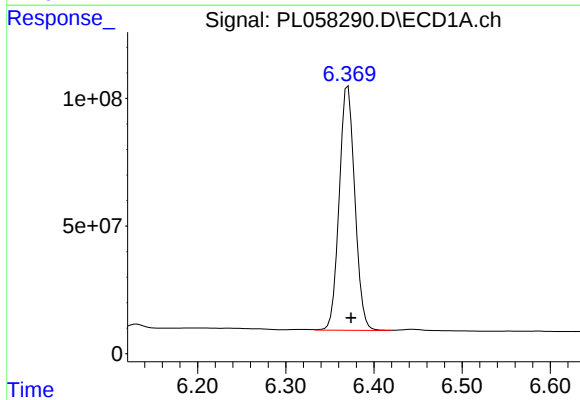
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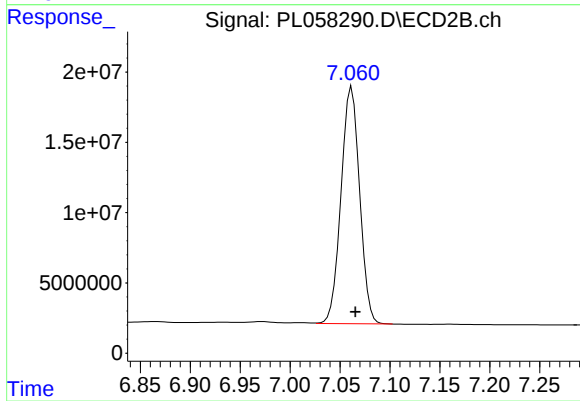
#16 4,4'-DDD

R.T.: 6.764 min
Delta R.T.: -0.004 min
Response: 4493164
Conc: 1.97 ng/ml



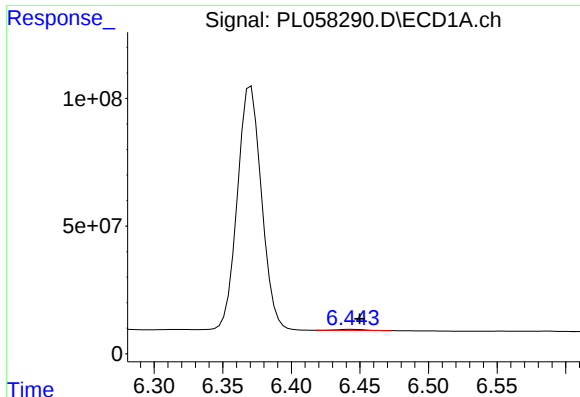
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: -0.004 min
Response: 1177362417
Conc: 116.00 ng/ml



#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: -0.004 min
Response: 218751516
Conc: 98.21 ng/ml



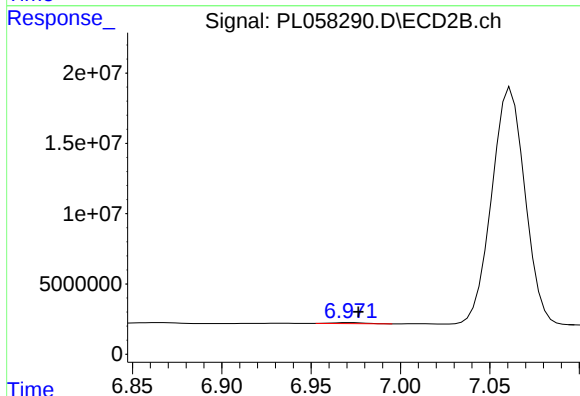
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: -0.007 min
Response: 6014933
Conc: 0.64 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

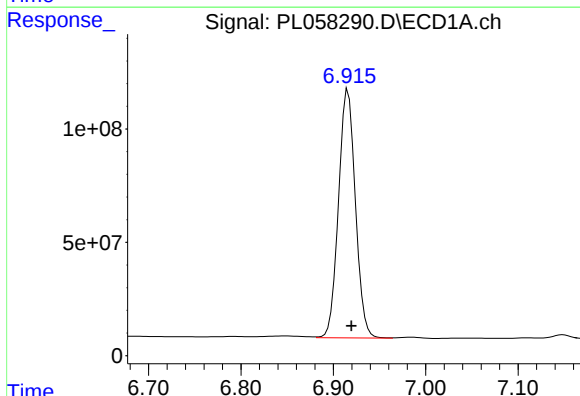
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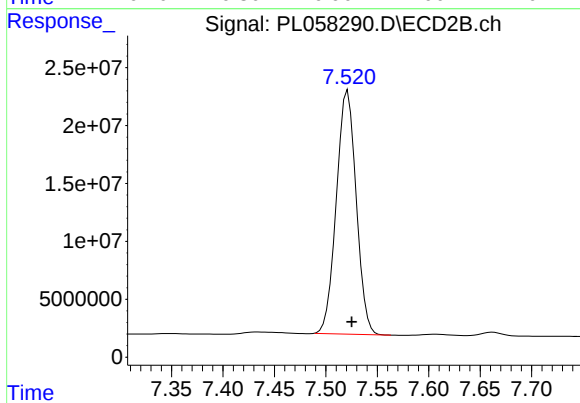
#18 Endrin aldehyde

R.T.: 6.971 min
Delta R.T.: -0.006 min
Response: 899684
Conc: 0.40 ng/ml m



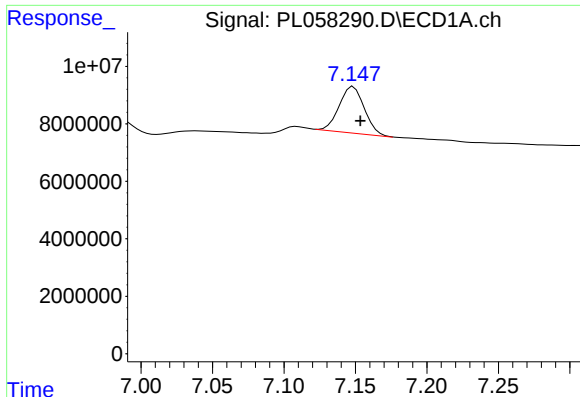
#20 Methoxychlor

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 1393091148
Conc: 252.71 ng/ml



#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.004 min
Response: 282381855
Conc: 222.00 ng/ml



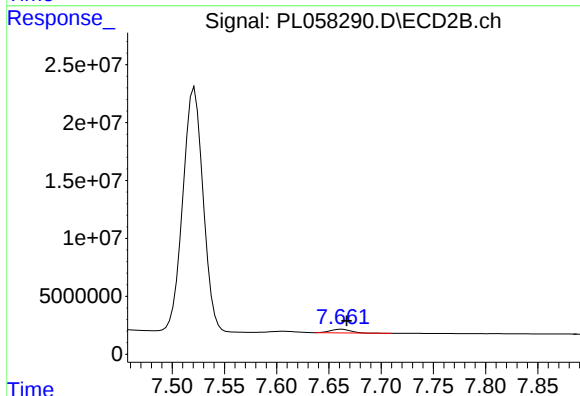
#21 Endrin ketone

R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 19846806
Conc: 1.78 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

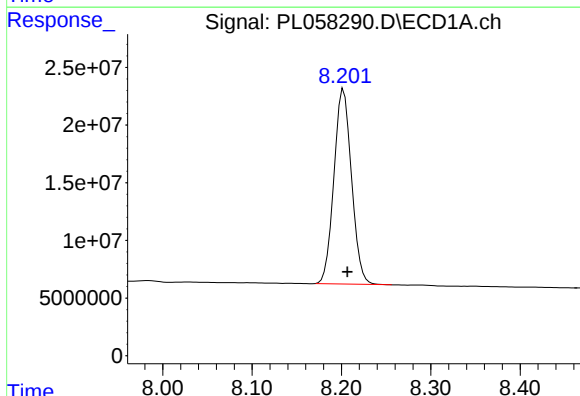
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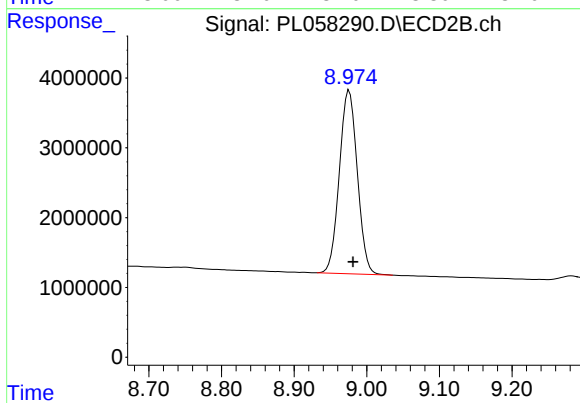
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: -0.005 min
Response: 4173118
Conc: 1.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: -0.004 min
Response: 230935350
Conc: 22.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.005 min
Response: 45188913
Conc: 20.23 ng/ml