

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021924\
 Data File : PL088137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2024 09:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/20/2024
 Supervised By :Ankita Jodhani 02/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 00:20:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.636	2.854	57904085	26699856	21.081	19.037m
28)	SA Decachlor...	9.304	8.085	47983424	26204788	24.914	20.580
Target Compounds							
2)	A alpha-BHC	4.100	3.368	39752015	17660979	9.523	8.595m
3)	MA gamma-BHC...	4.439	3.706	38470338	17214905	9.500	8.597
6)	B beta-BHC	4.634	4.008	19106016	8798424	10.970m	9.885
12)	B 4,4'-DDE	6.331	5.362	623068	315612	0.205m	0.199m
14)	MA Endrin	6.720	5.775	120.6E6	64204002	46.363	42.942
16)	A 4,4'-DDD	6.852	5.926	5574872	3310085	2.149m	2.423
17)	MA 4,4'-DDT	7.173	6.180	256.5E6	136.5E6	97.546	100.017
18)	B Endrin al...	7.072	6.256	4748101	3086333	2.296	2.826
20)	A Methoxychlor	7.653	6.764	338.1E6	175.8E6	255.415	224.350
21)	B Endrin ke...	7.799	6.991	9553226	6344535	3.410	3.790m

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

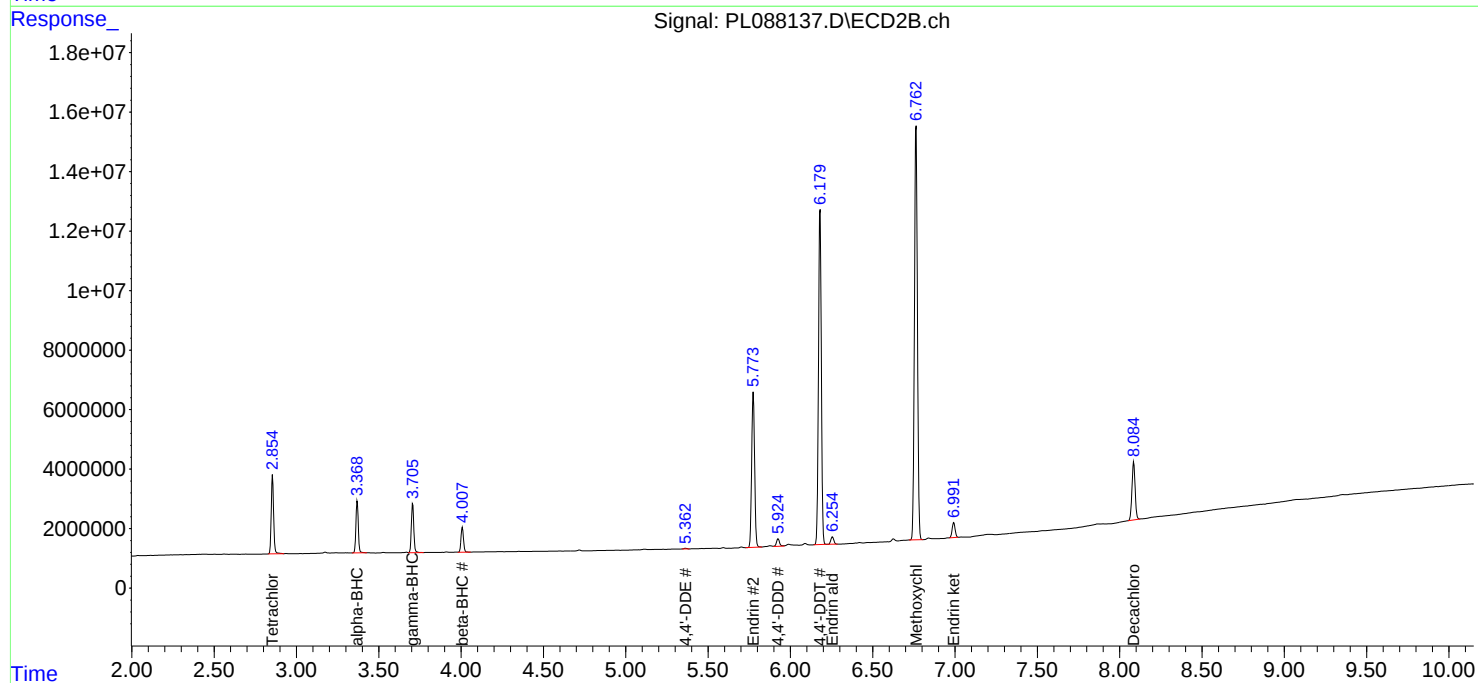
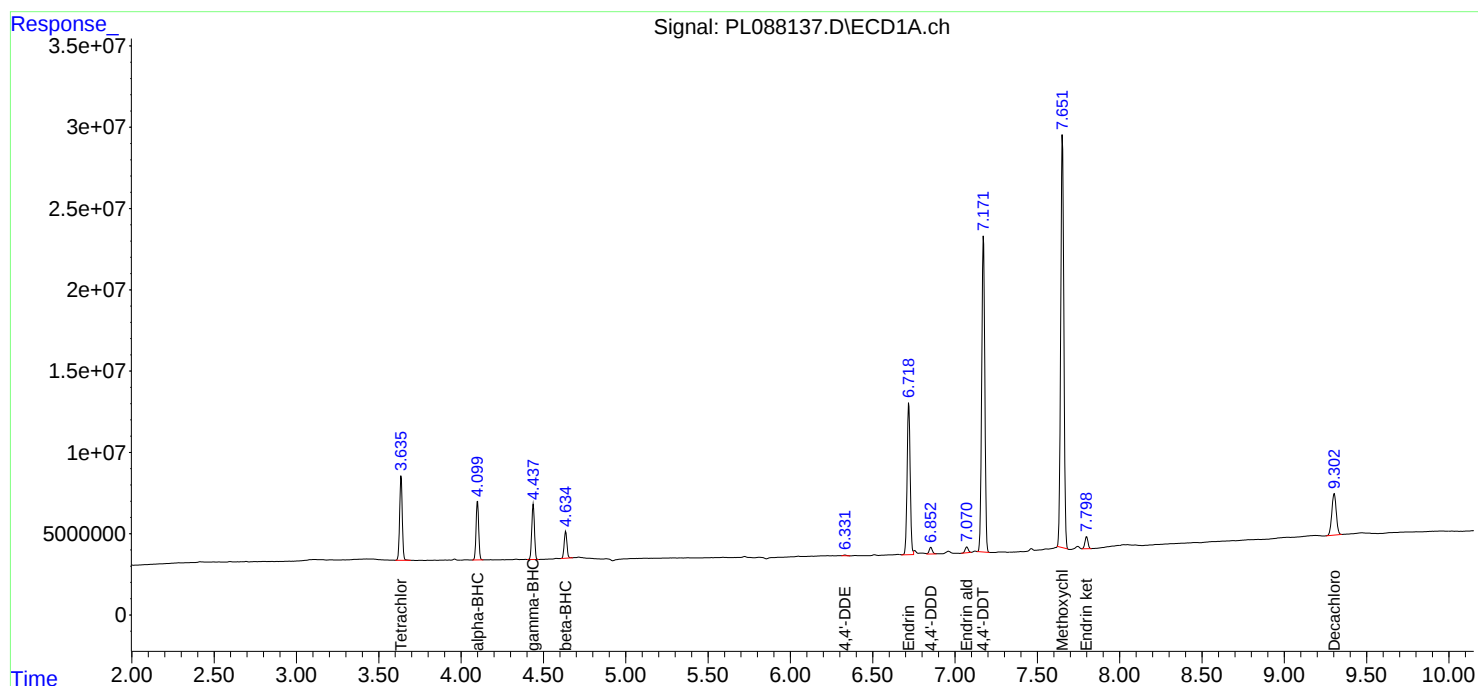
Instrument :
ECD_L
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PEM

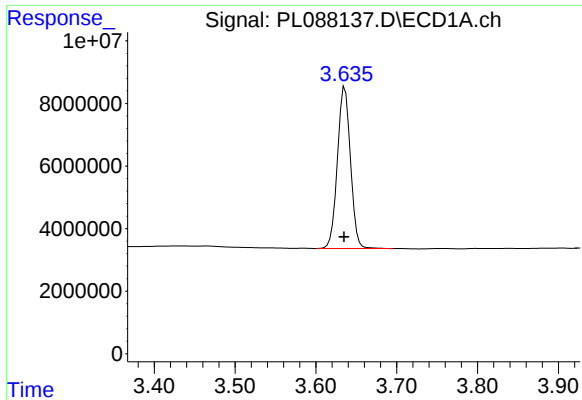
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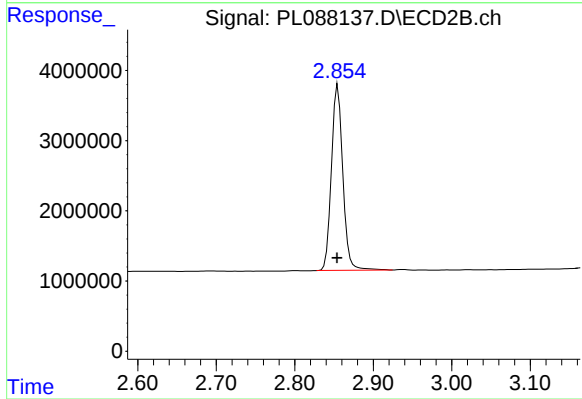
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.001 min
Response: 57904085
Conc: 21.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

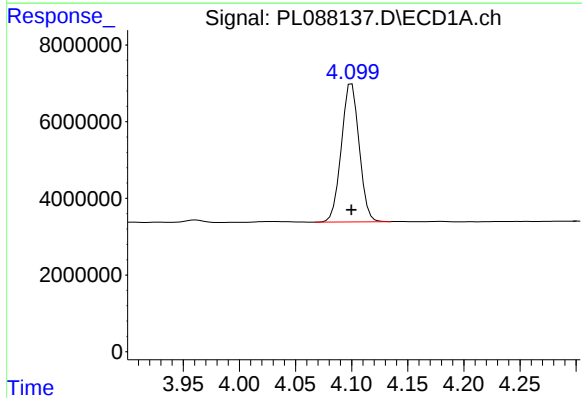
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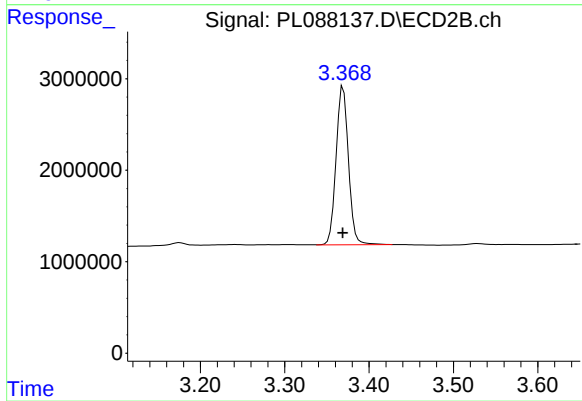
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 26699856
Conc: 19.04 ng/ml m



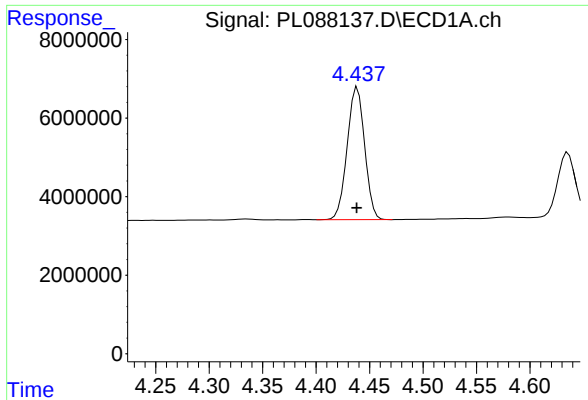
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 39752015
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 17660979
Conc: 8.59 ng/ml m



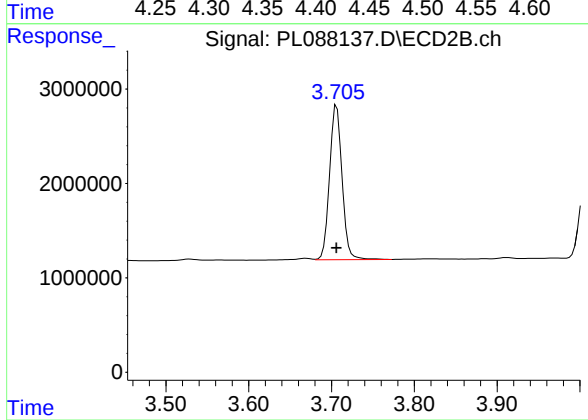
#3 gamma-BHC (Lindane)

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 38470338
Conc: 9.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

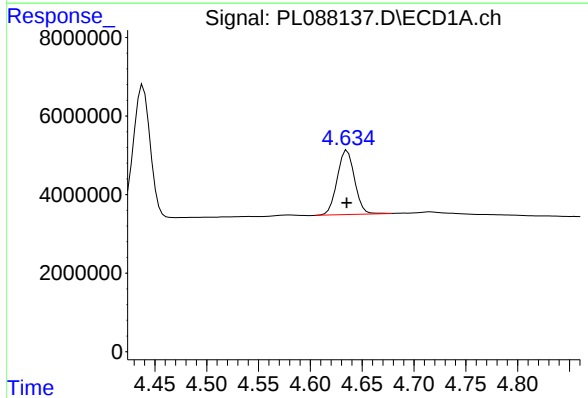
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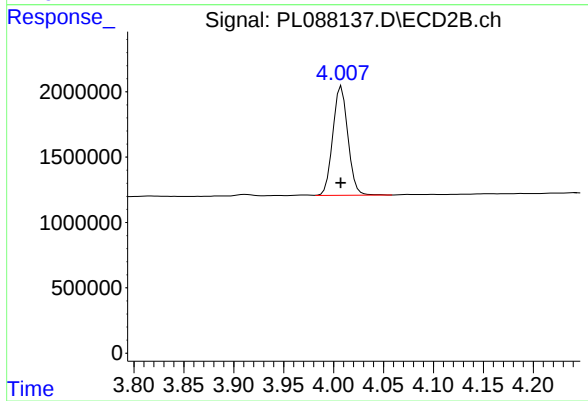
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 17214905
Conc: 8.60 ng/ml



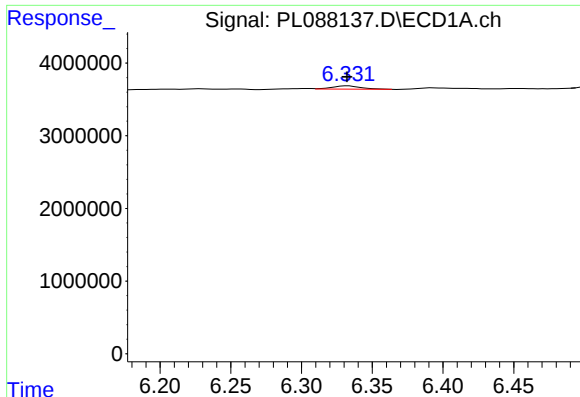
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 19106016
Conc: 10.97 ng/ml m



#6 beta-BHC

R.T.: 4.008 min
Delta R.T.: 0.001 min
Response: 8798424
Conc: 9.88 ng/ml



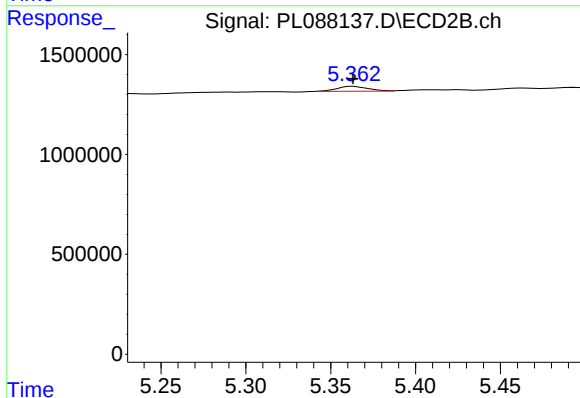
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 623068
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

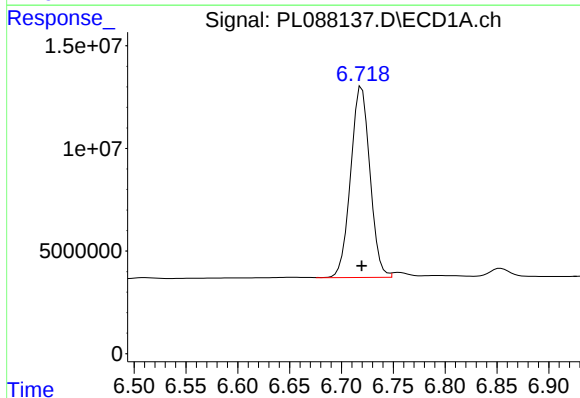
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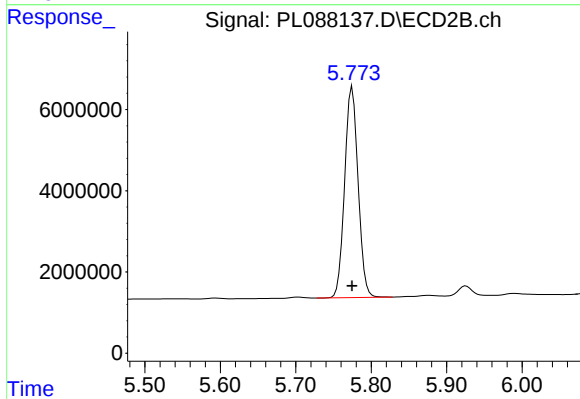
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 315612
Conc: 0.20 ng/ml m



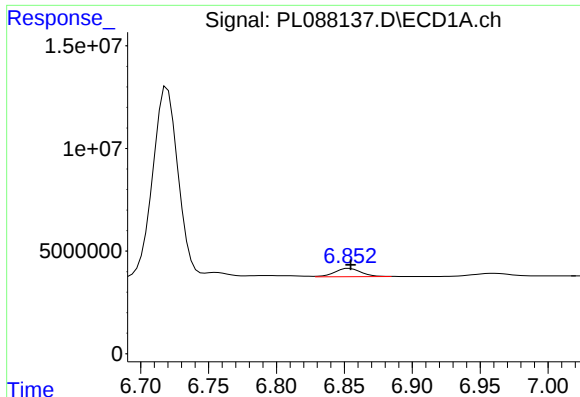
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 120571859
Conc: 46.36 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 64204002
Conc: 42.94 ng/ml



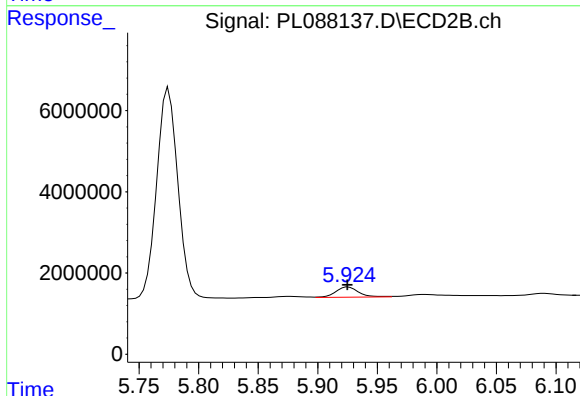
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 5574872
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

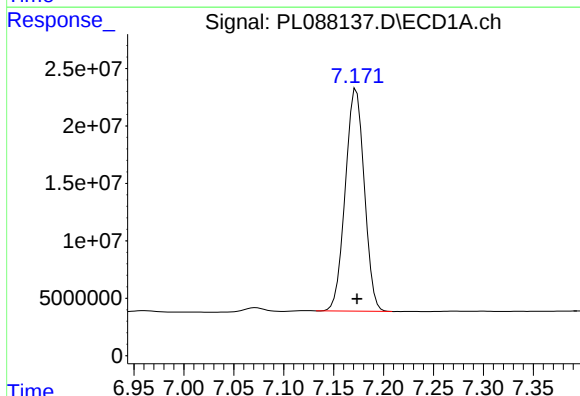
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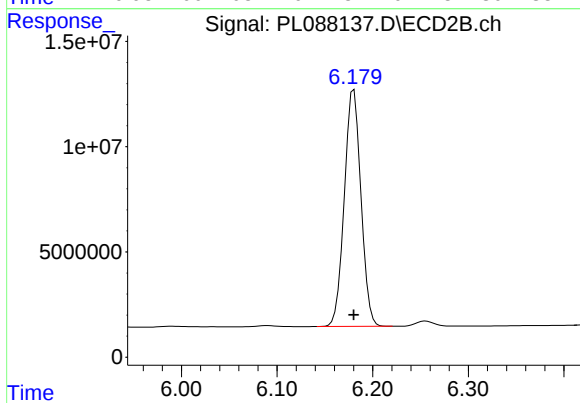
#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 3310085
Conc: 2.42 ng/ml



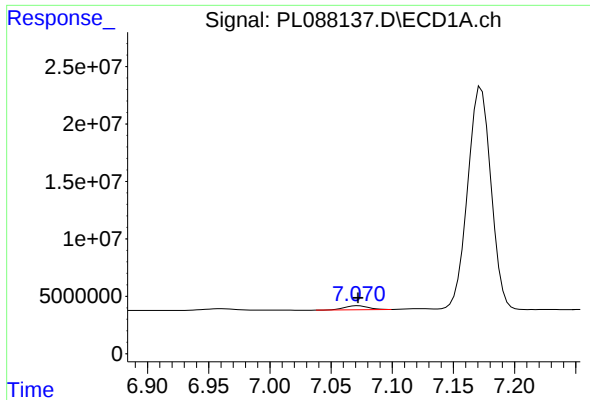
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 256469040
Conc: 97.55 ng/ml



#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 136546385
Conc: 100.02 ng/ml



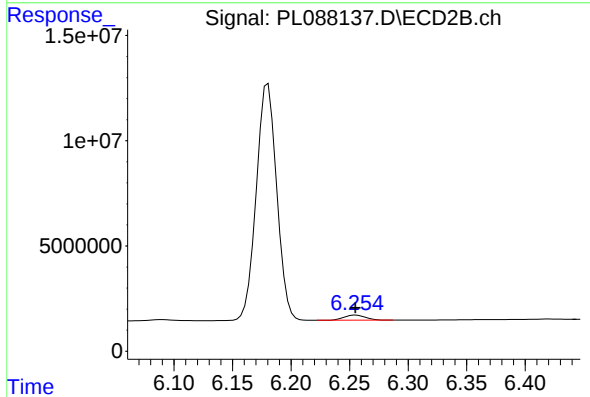
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 4748101
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

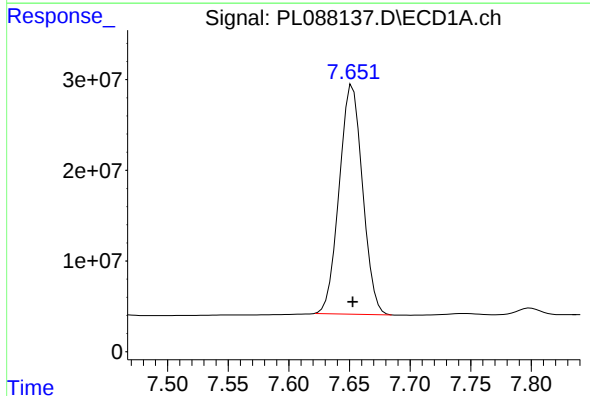
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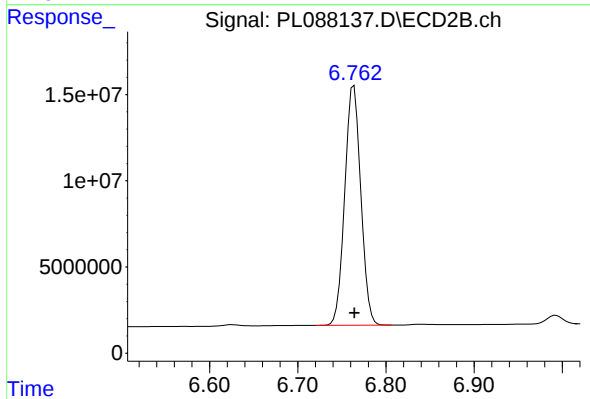
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 3086333
Conc: 2.83 ng/ml



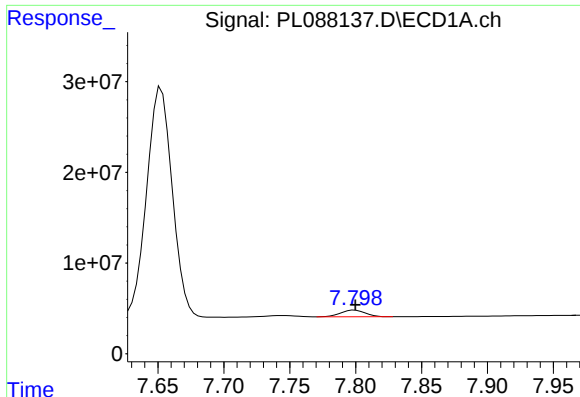
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 338095593
Conc: 255.41 ng/ml



#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 175835607
Conc: 224.35 ng/ml



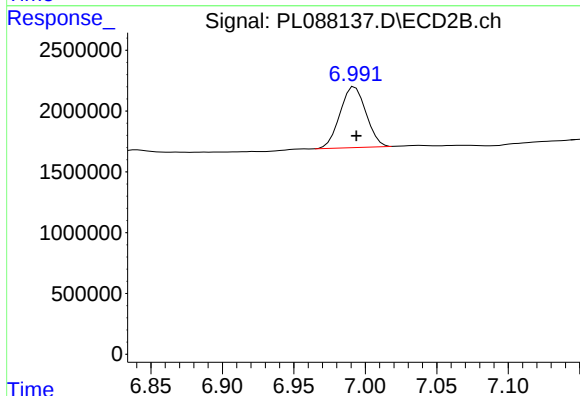
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 9553226
Conc: 3.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

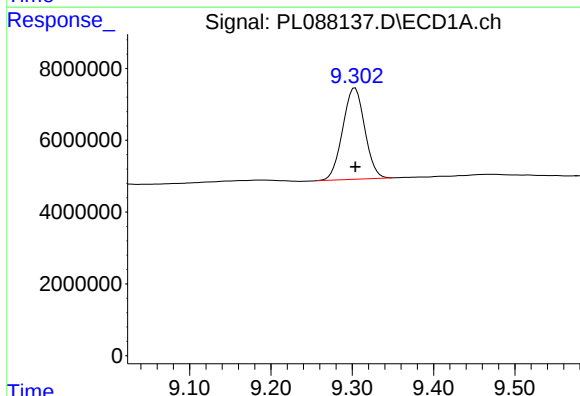
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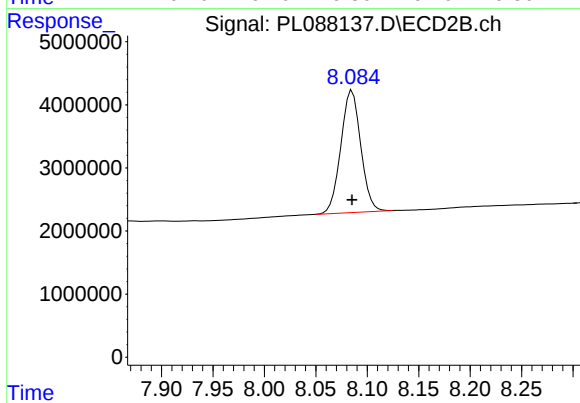
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 6344535
Conc: 3.79 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 47983424
Conc: 24.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 26204788
Conc: 20.58 ng/ml