

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 12:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 22:57:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.536	2.773	48118173	50837481	19.638	18.682
2)	SA Decachlor...	9.054	7.913	29724927	46387897	15.445	16.997
Target Compounds							
2)	A alpha-BHC	3.992	3.276	33315181	35826482	9.823	8.979
3)	MA gamma-BHC...	4.325	3.606	34701868	33178090	10.646	8.597
6)	B beta-BHC	4.523	3.906	14136097	15829332	9.780	9.615
14)	MA Endrin	6.570	5.638	87889172	129.7E6	38.604m	44.817
16)	A 4,4'-DDD	6.709	5.786	1157834	1687156	0.603m	0.678m
17)	MA 4,4'-DDT	7.022	6.035	165.5E6	248.8E6	79.981	92.758m
18)	B Endrin al...	6.922	6.112	2207798	2677361	1.176	1.160
20)	A Methoxychlor	7.498	6.612	214.3E6	316.7E6	187.953	221.785
21)	B Endrin ke...	7.642	6.839	4549295	5937399	1.878	1.935m

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

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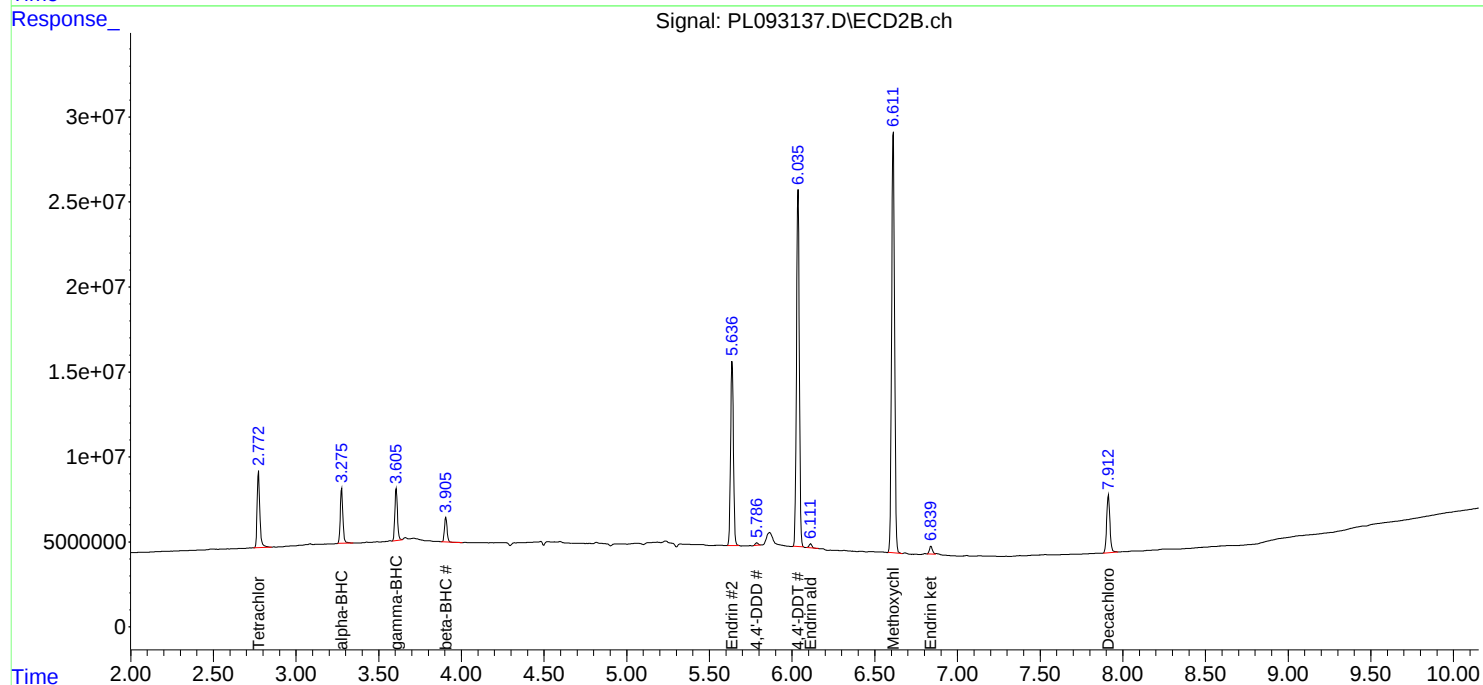
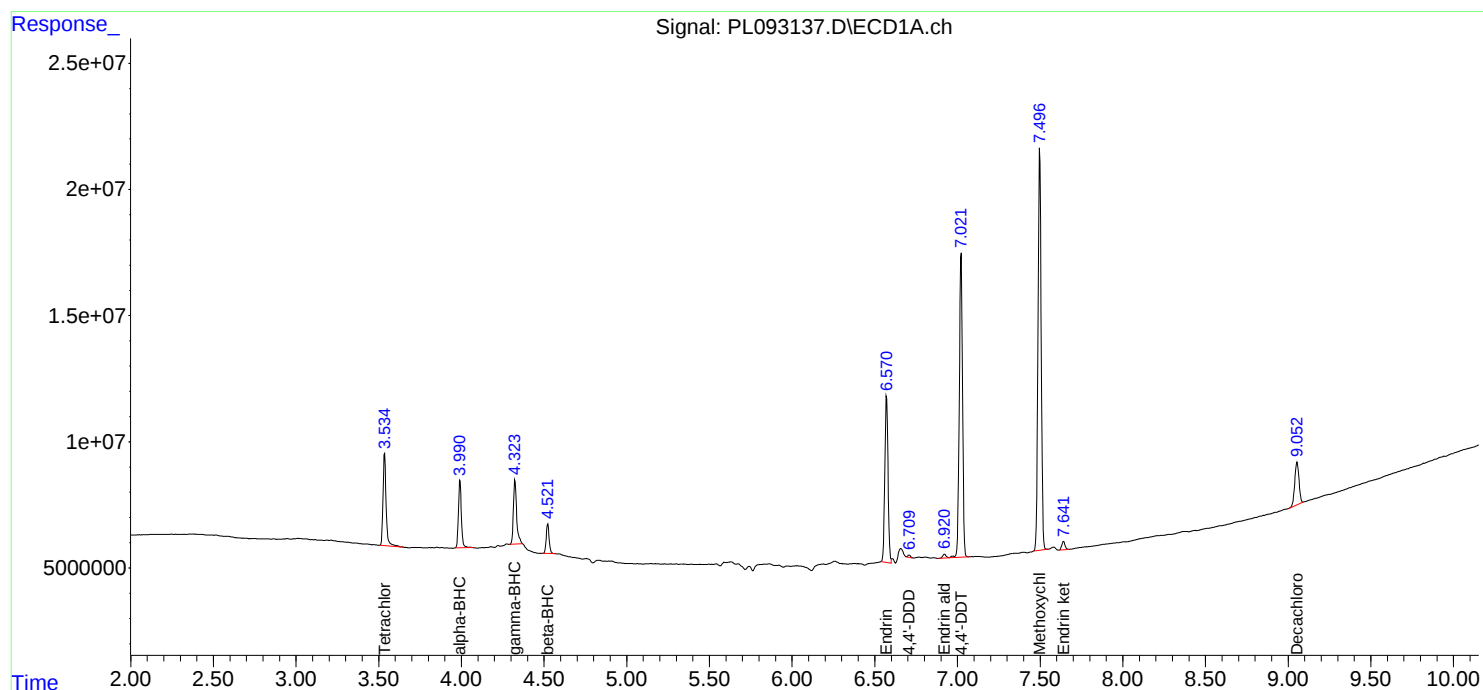
Instrument :
ECD_L
ClientSampleId :
PEM

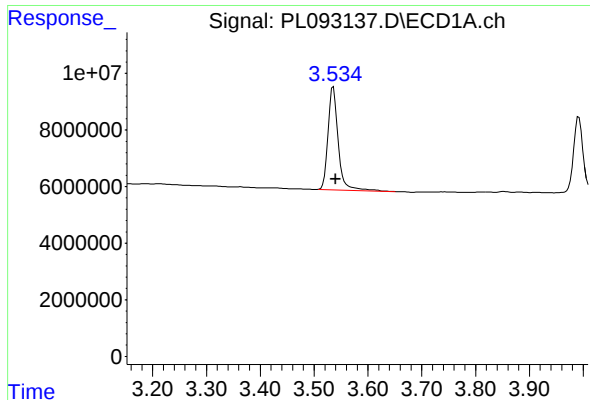
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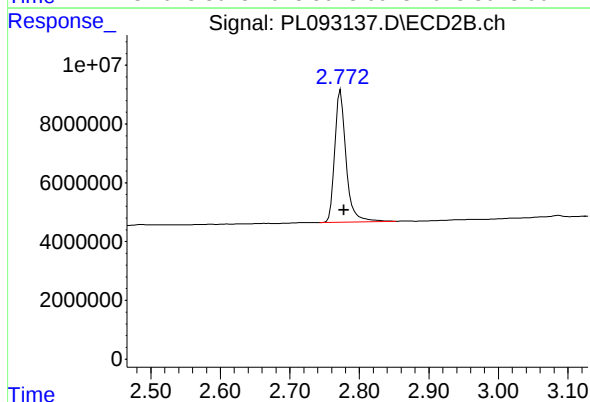
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 48118173
Conc: 19.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

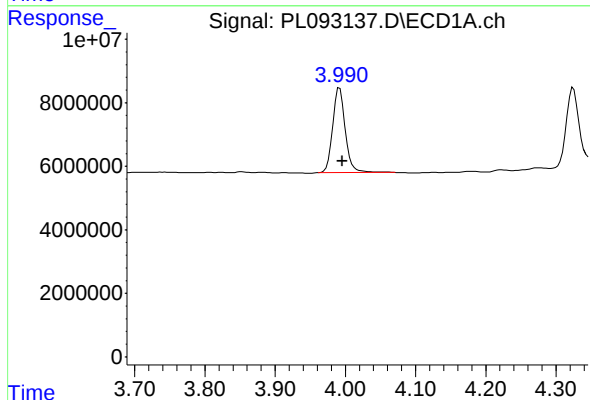
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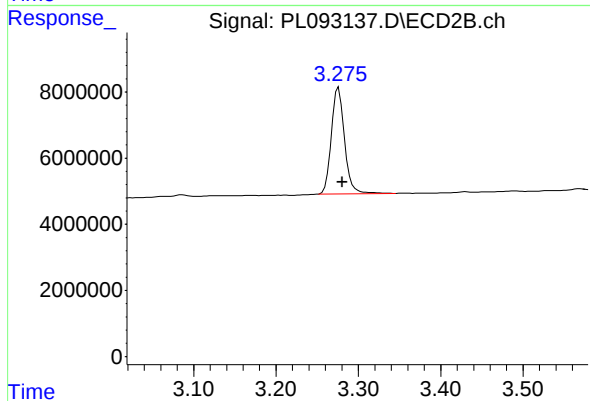
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.005 min
Response: 50837481
Conc: 18.68 ng/ml



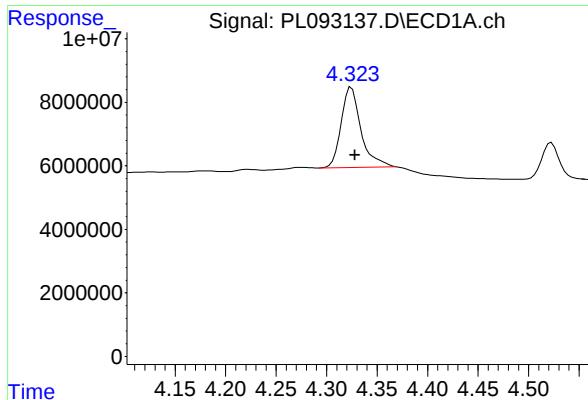
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 33315181
Conc: 9.82 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.004 min
Response: 35826482
Conc: 8.98 ng/ml



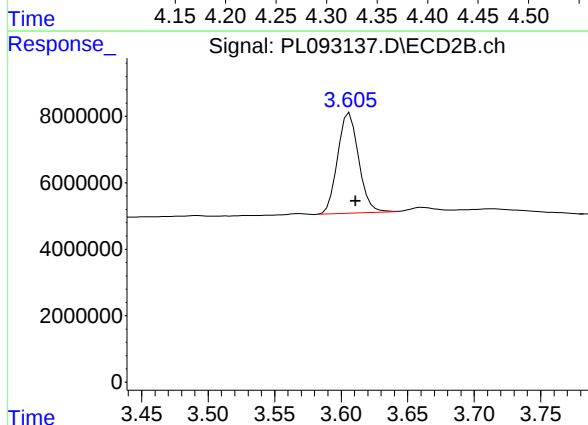
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.004 min
Response: 34701868
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

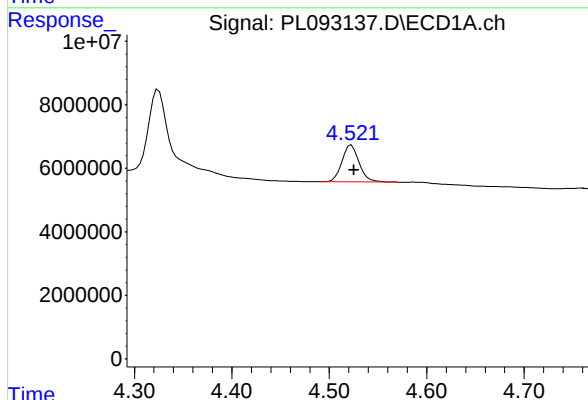
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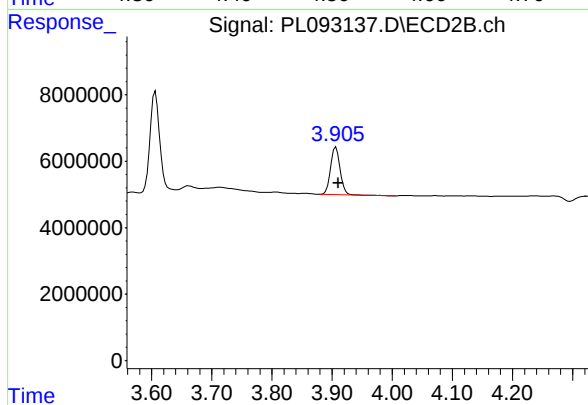
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.004 min
Response: 33178090
Conc: 8.60 ng/ml



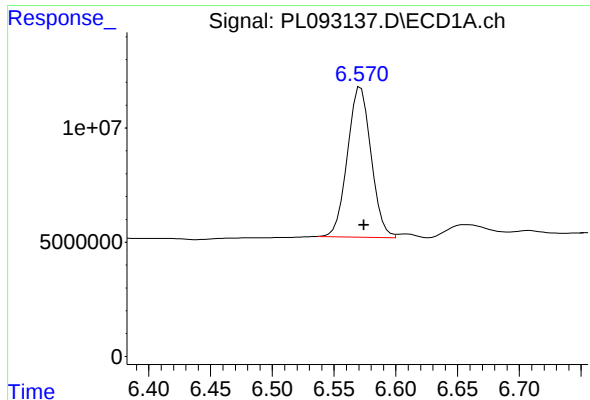
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 14136097
Conc: 9.78 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.004 min
Response: 15829332
Conc: 9.62 ng/ml



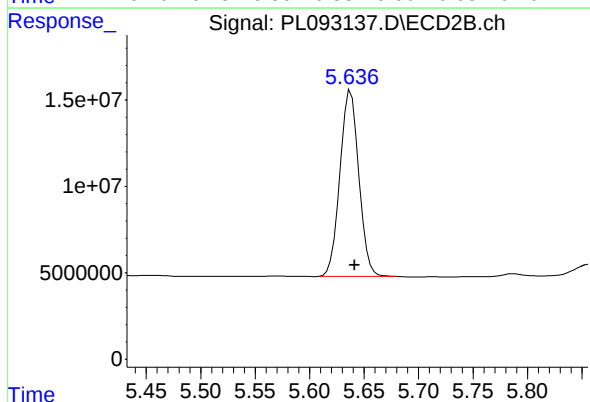
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 87889172
Conc: 38.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

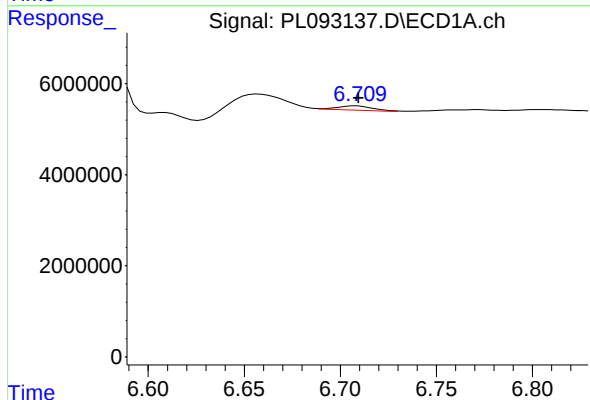
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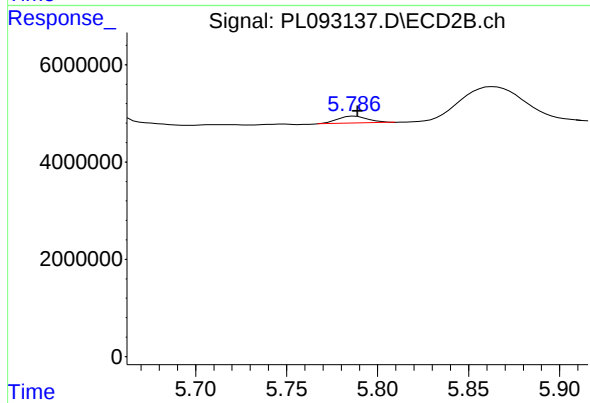
#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.004 min
Response: 129656668
Conc: 44.82 ng/ml



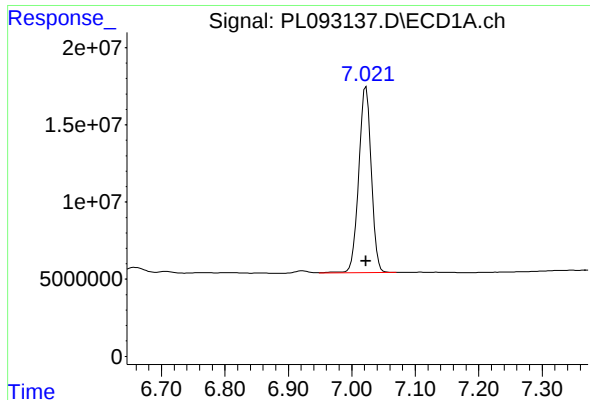
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 1157834
Conc: 0.60 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.004 min
Response: 1687156
Conc: 0.68 ng/ml m



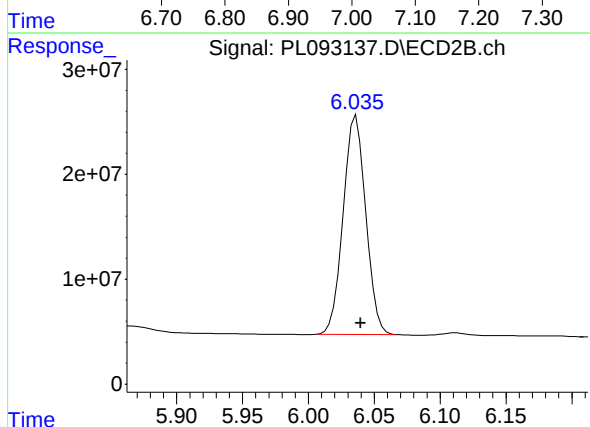
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 165540465
Conc: 79.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

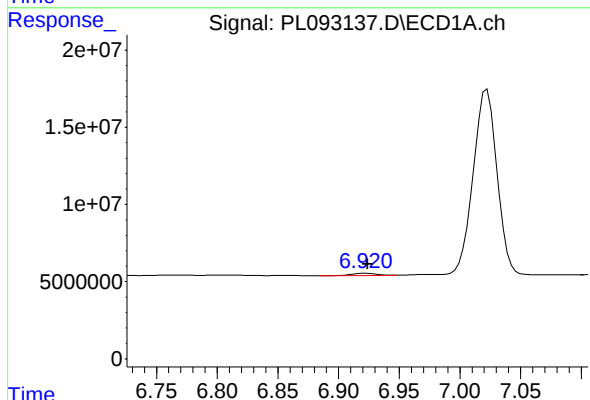
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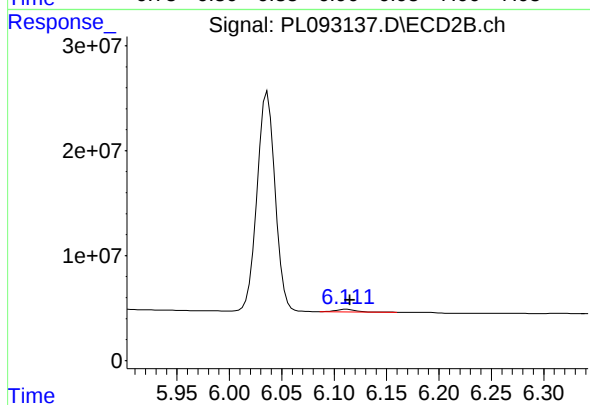
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 248801511
Conc: 92.76 ng/ml



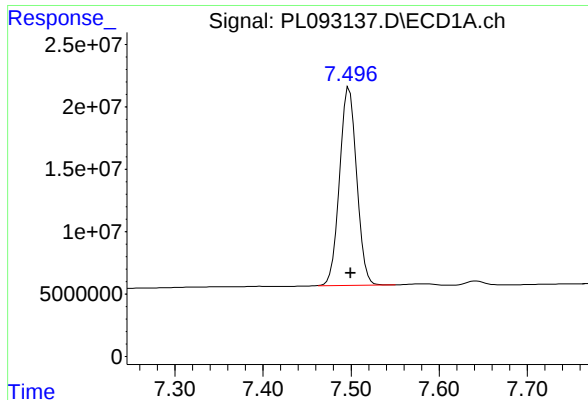
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 2207798
Conc: 1.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 2677361
Conc: 1.16 ng/ml



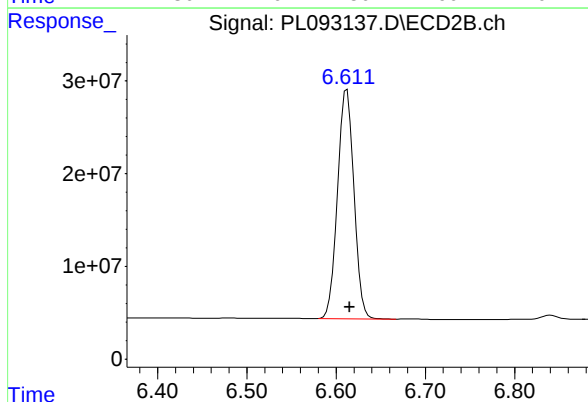
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 214265984
Conc: 187.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

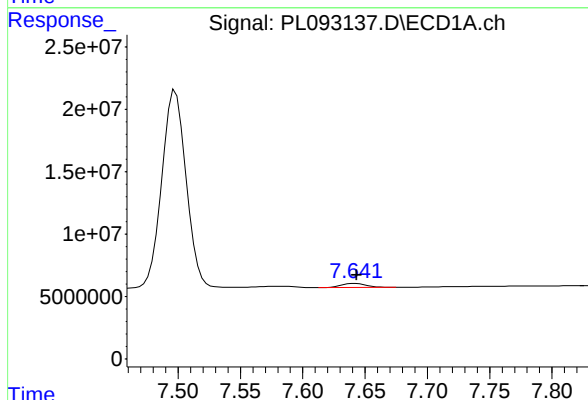
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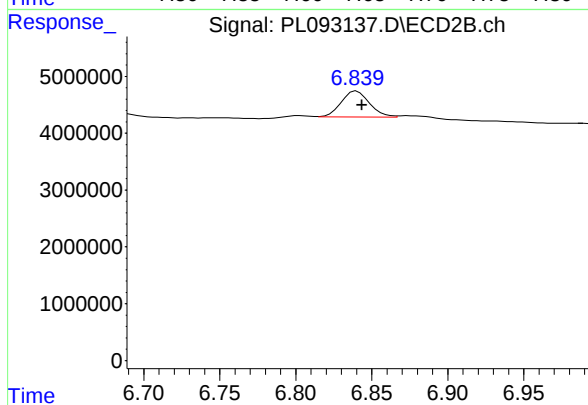
#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 316716127
Conc: 221.79 ng/ml



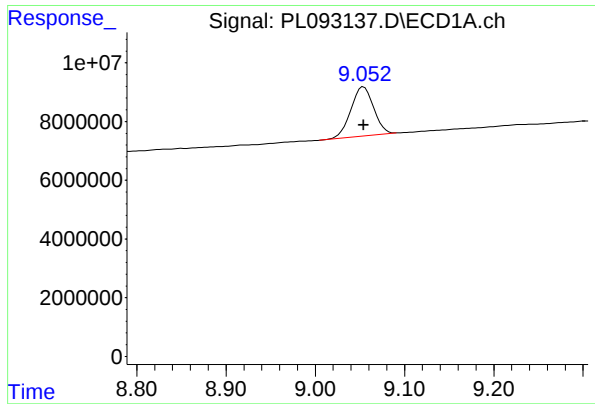
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 4549295
Conc: 1.88 ng/ml



#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.005 min
Response: 5937399
Conc: 1.93 ng/ml m



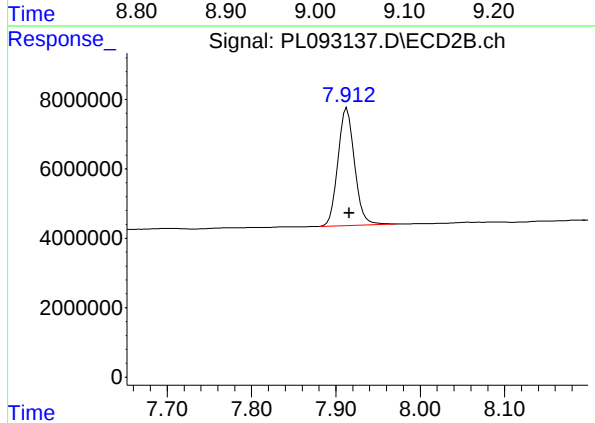
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 29724927
Conc: 15.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 46387897
Conc: 17.00 ng/ml