

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 09:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2024
 Supervised By : Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 23:12:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.795	48039891	30615294	23.857	23.861m
28)	SA Decachlor...	9.068	7.950	31484257	30114381	22.505	22.387
Target Compounds							
2)	A alpha-BHC	4.006	3.300	35070792	19989221	12.298	10.594m
3)	MA gamma-BHC...	4.339	3.631	33137817	19622839	11.903	10.634m
6)	B beta-BHC	4.533	3.929	15862254	10193712	12.574m	12.485m
12)	B 4,4'-DDE	6.204	5.262	1238085	563143	0.612	0.387 #
14)	MA Endrin	6.587	5.670	86871014	74453607	45.858	51.788
16)	A 4,4'-DDD	6.720	5.817	10201921	6310920	6.047	5.117
17)	MA 4,4'-DDT	7.035	6.067	153.7E6	143.7E6	83.595	106.189m#
18)	B Endrin al...	6.934	6.143	5022641	3374569	3.321m	3.034
20)	A Methoxychlor	7.510	6.644	192.3E6	182.5E6	195.584	228.216
21)	B Endrin ke...	7.654	6.872	9053890	7012376	4.523	4.385

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

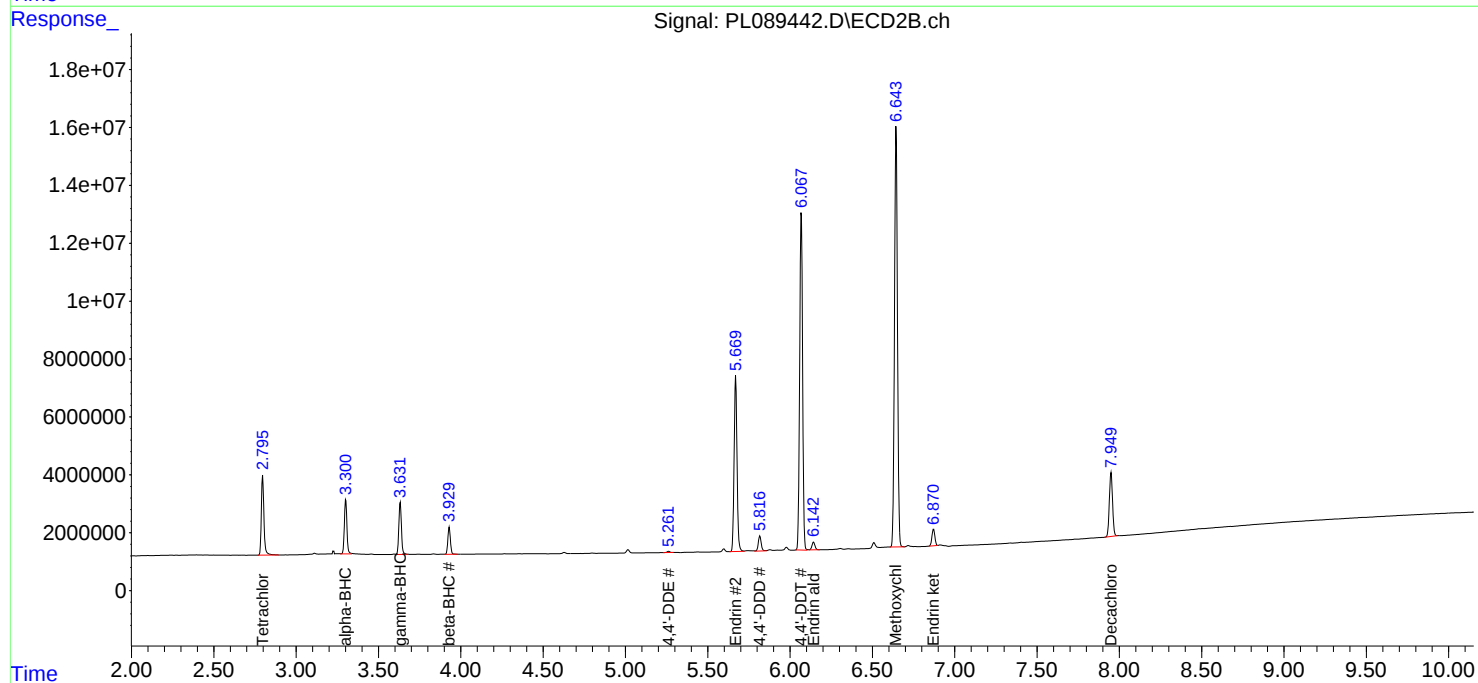
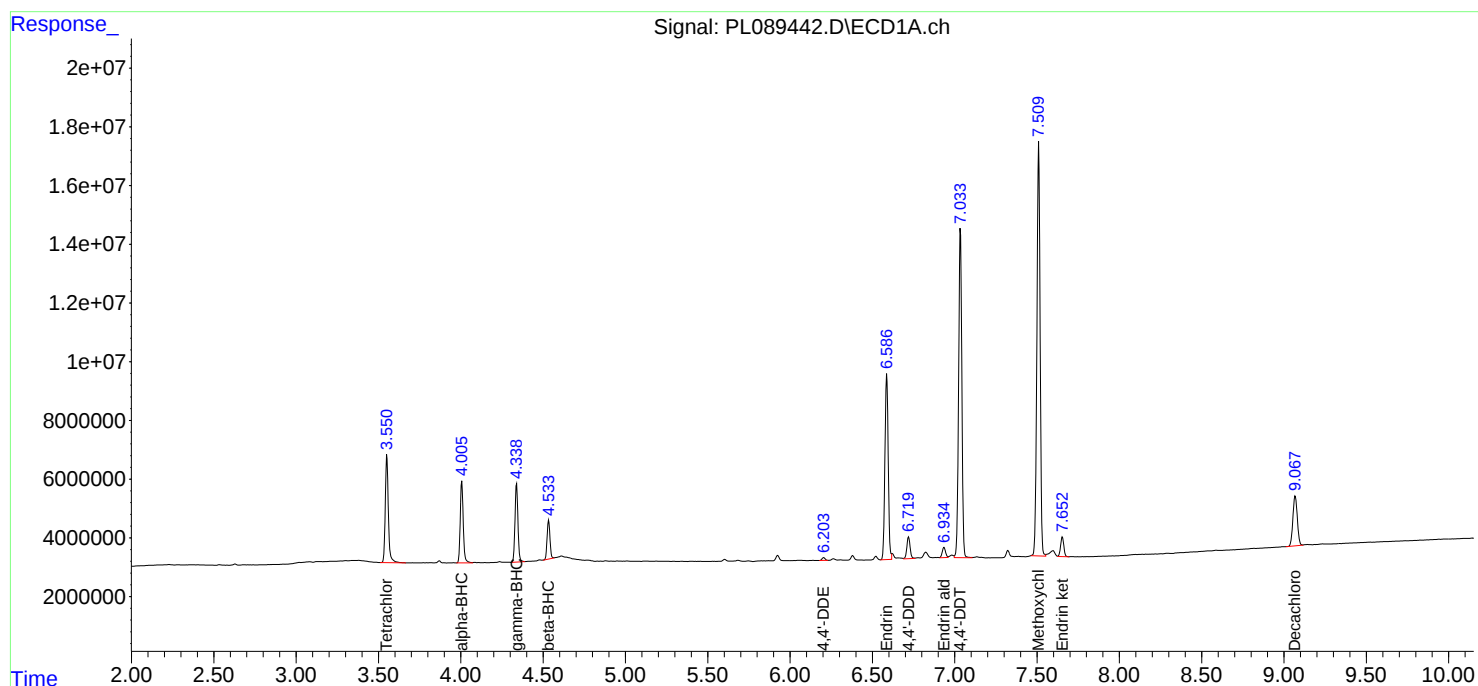
Instrument :
ECD_L
ClientSampleId :
PEM

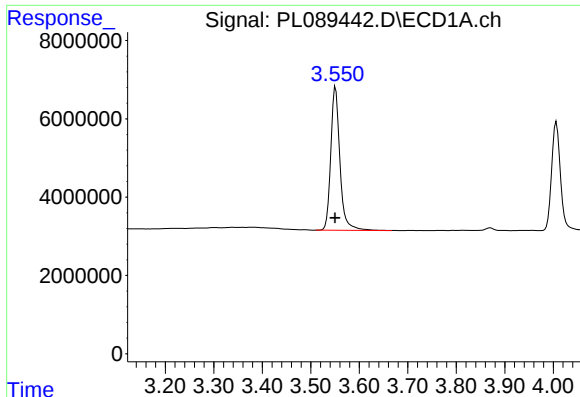
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Integration File signal 1: autoint1.e
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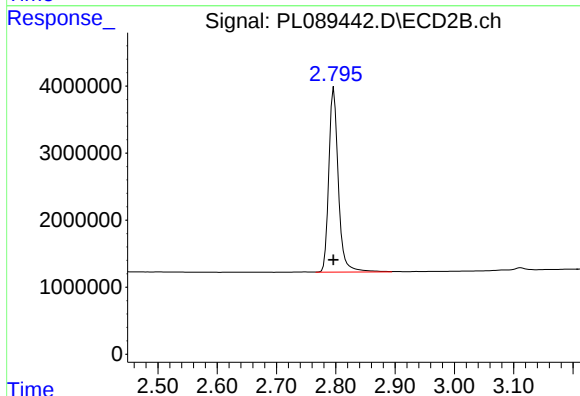
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 48039891
Conc: 23.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

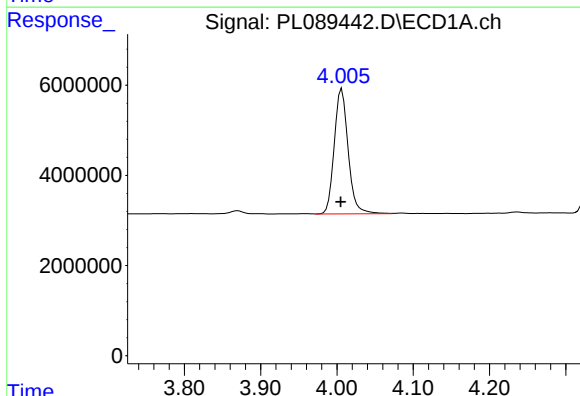
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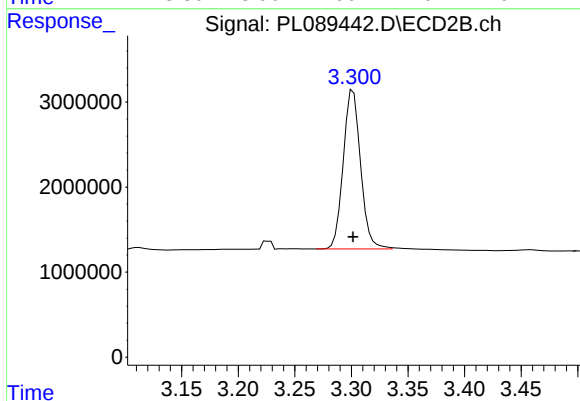
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 30615294
Conc: 23.86 ng/ml m



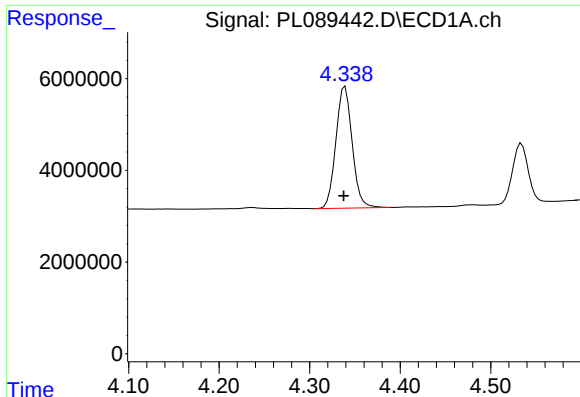
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 35070792
Conc: 12.30 ng/ml



#2 alpha-BHC

R.T.: 3.300 min
Delta R.T.: -0.001 min
Response: 19989221
Conc: 10.59 ng/ml m



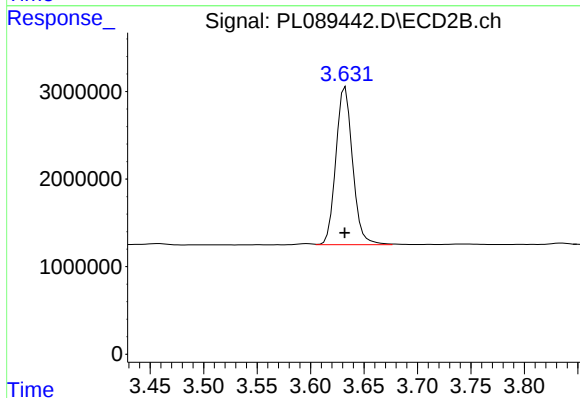
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 33137817
Conc: 11.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

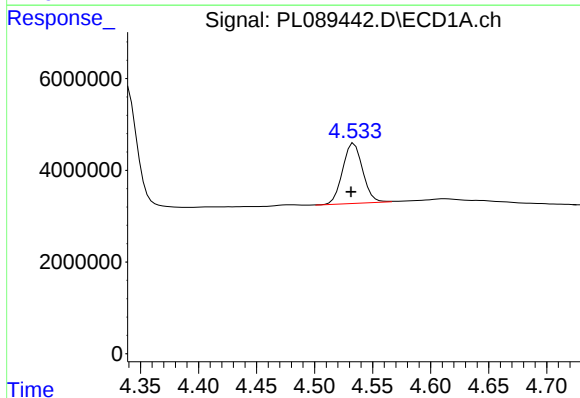
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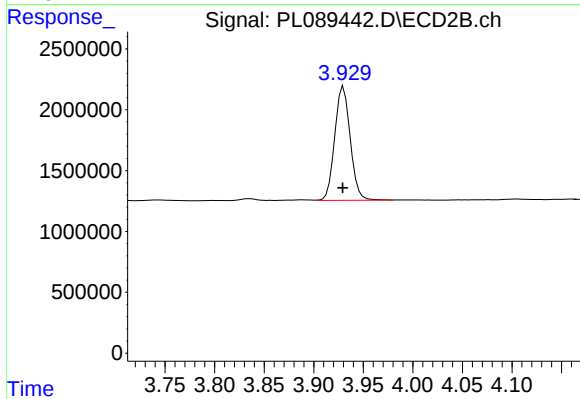
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 19622839
Conc: 10.63 ng/ml m



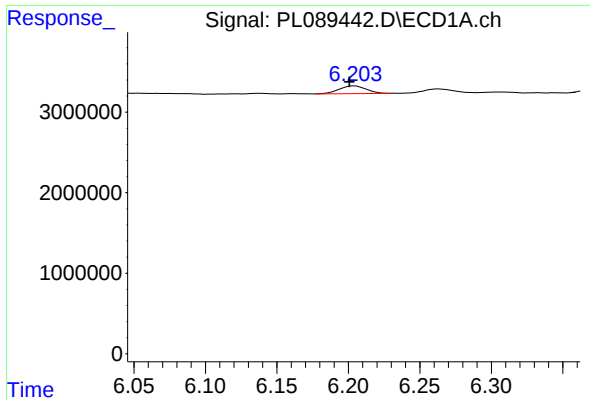
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.001 min
Response: 15862254
Conc: 12.57 ng/ml m



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 10193712
Conc: 12.49 ng/ml m



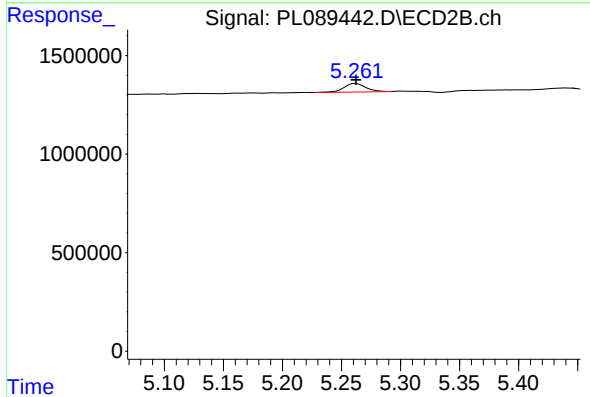
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.004 min
Response: 1238085
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

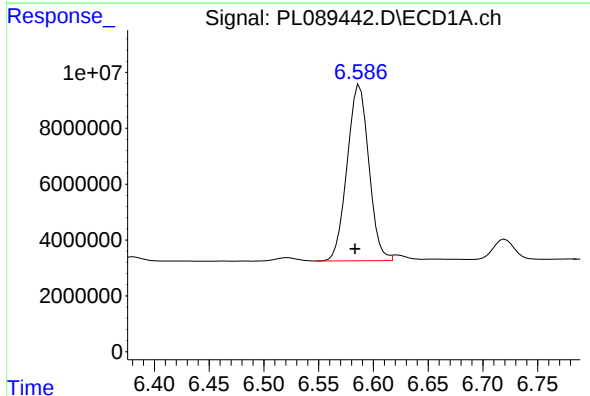
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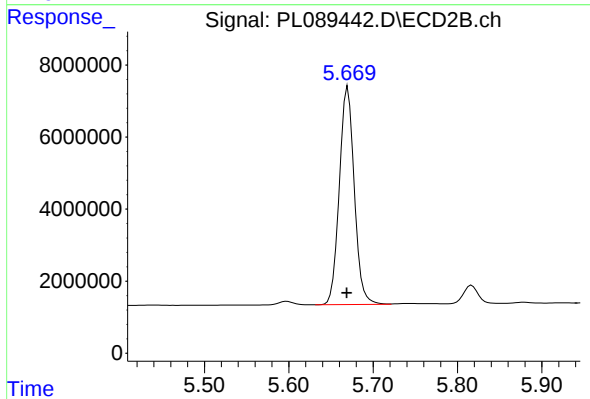
#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 563143
Conc: 0.39 ng/ml



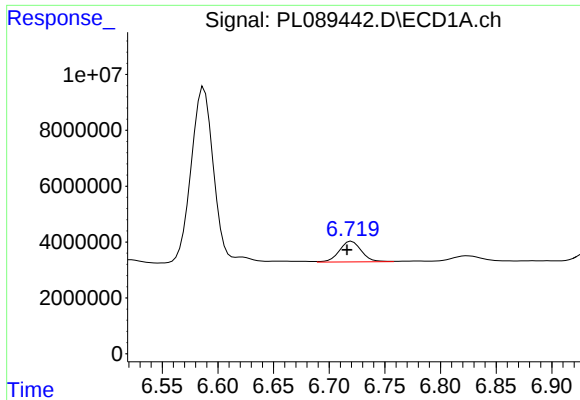
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.004 min
Response: 86871014
Conc: 45.86 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 74453607
Conc: 51.79 ng/ml



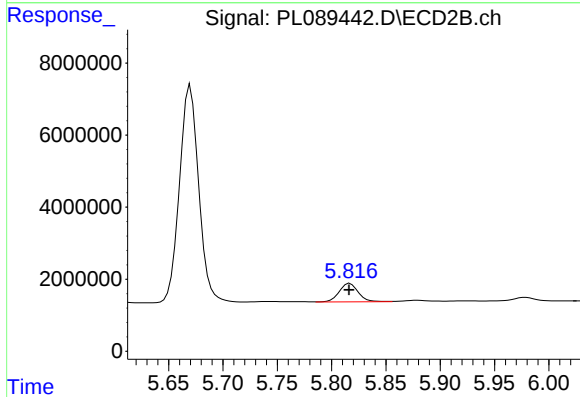
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 10201921
Conc: 6.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

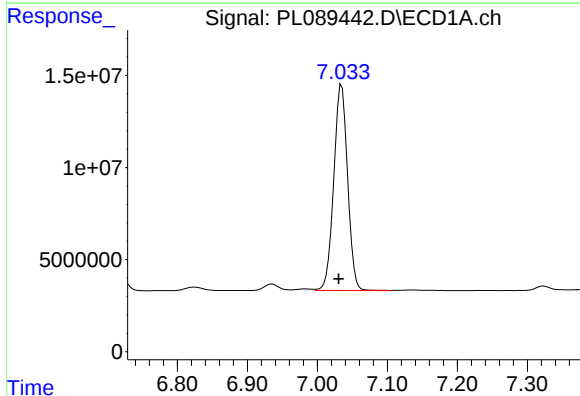
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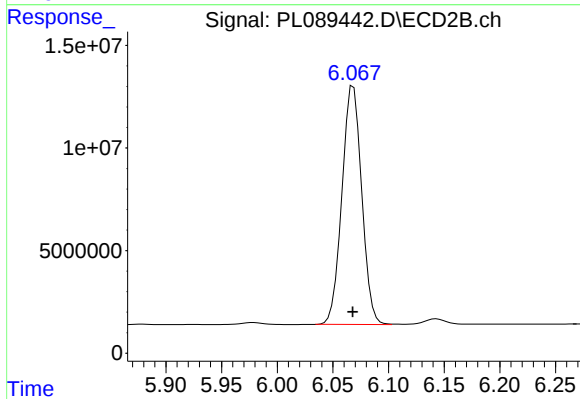
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 6310920
Conc: 5.12 ng/ml



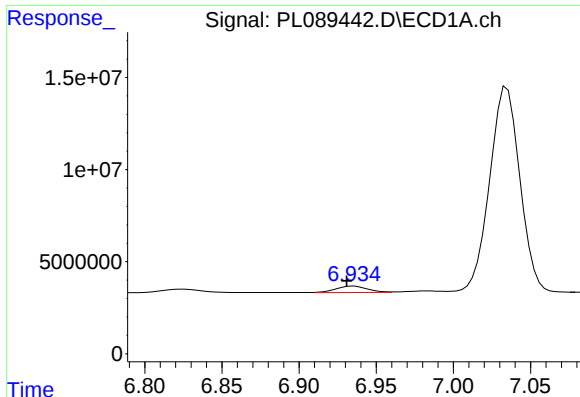
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.004 min
Response: 153730038
Conc: 83.60 ng/ml



#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 143671629
Conc: 106.19 ng/ml m



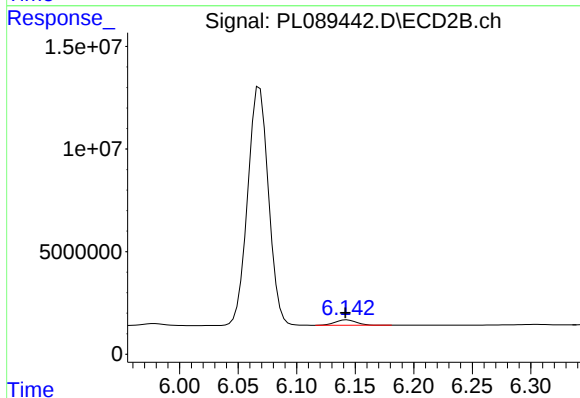
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 5022641
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

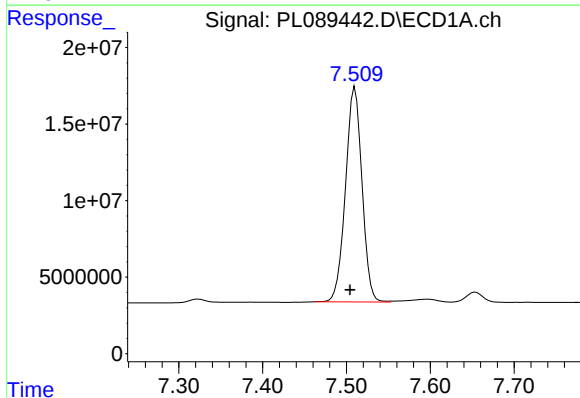
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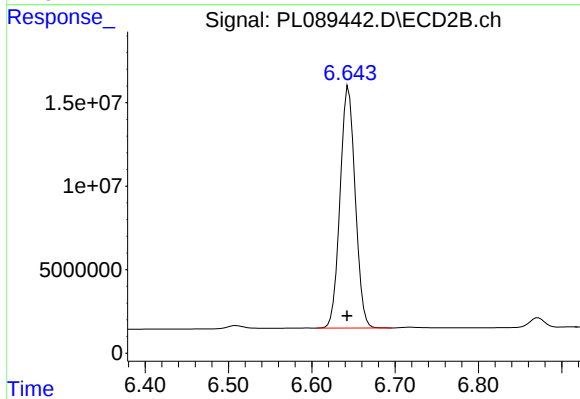
#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 3374569
Conc: 3.03 ng/ml



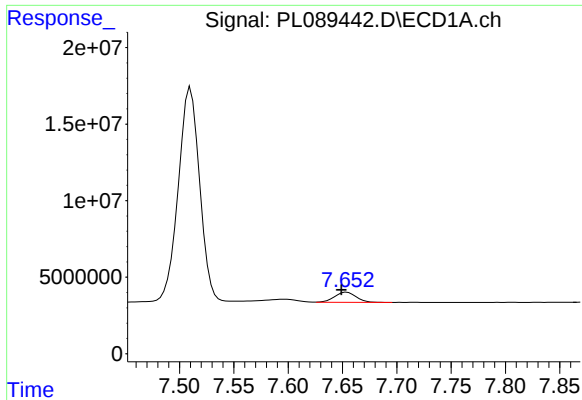
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.006 min
Response: 192337227
Conc: 195.58 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 182477912
Conc: 228.22 ng/ml



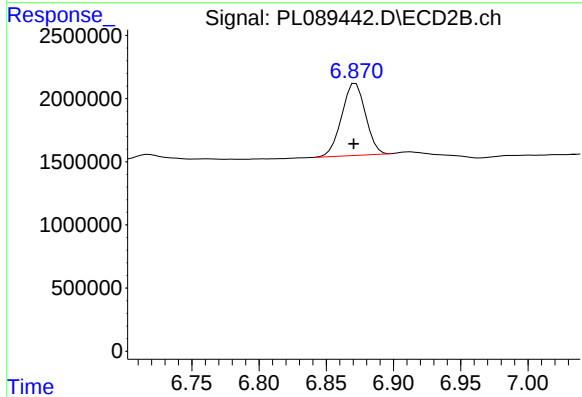
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 9053890
Conc: 4.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

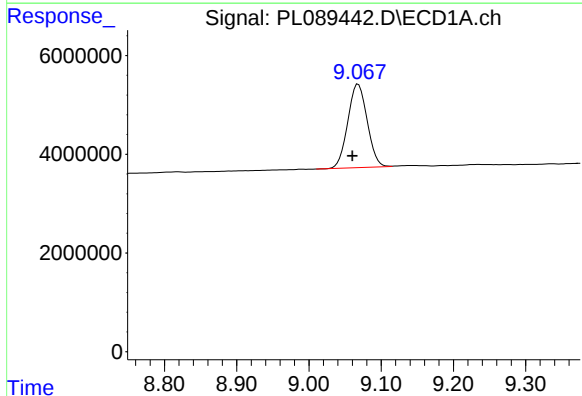
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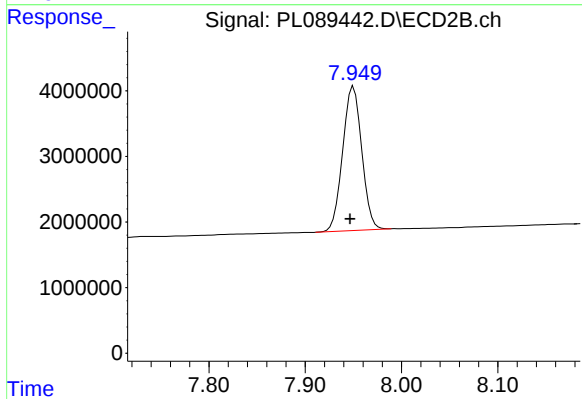
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 7012376
Conc: 4.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 31484257
Conc: 22.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.004 min
Response: 30114381
Conc: 22.39 ng/ml