

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070924\
 Data File : PL090448.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2024 08:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/10/2024
 Supervised By : Ankita Jodhani 07/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 00:53:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.547	2.791	43511947	31389219	19.172m	19.845
28)	SA Decachlor...	9.062	7.935	33025052	30734885	21.414	20.604
Target Compounds							
2)	A alpha-BHC	4.003	3.294	32183666	20821399	10.261	9.314m
3)	MA gamma-BHC...	4.336	3.624	30841973	20516820	10.260	9.596m
6)	B beta-BHC	4.532	3.924	15001342	10581694	11.137	10.961
12)	B 4,4'-DDE	6.200	5.253	570418	234437	0.261m	0.142m#
14)	MA Endrin	6.581	5.659	88987331	76822517	41.969m	46.459m
16)	A 4,4'-DDD	6.715	5.807	2547979	1467990	1.391m	1.071
17)	MA 4,4'-DDT	7.031	6.058	164.5E6	156.0E6	85.740	105.390
18)	B Endrin al...	6.931	6.132	2718467	2306586	1.610	1.811m
20)	A Methoxychlor	7.506	6.632	215.1E6	193.2E6	208.744	231.631m
21)	B Endrin ke...	7.649	6.860	5583941	4389483	2.574	2.452

(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

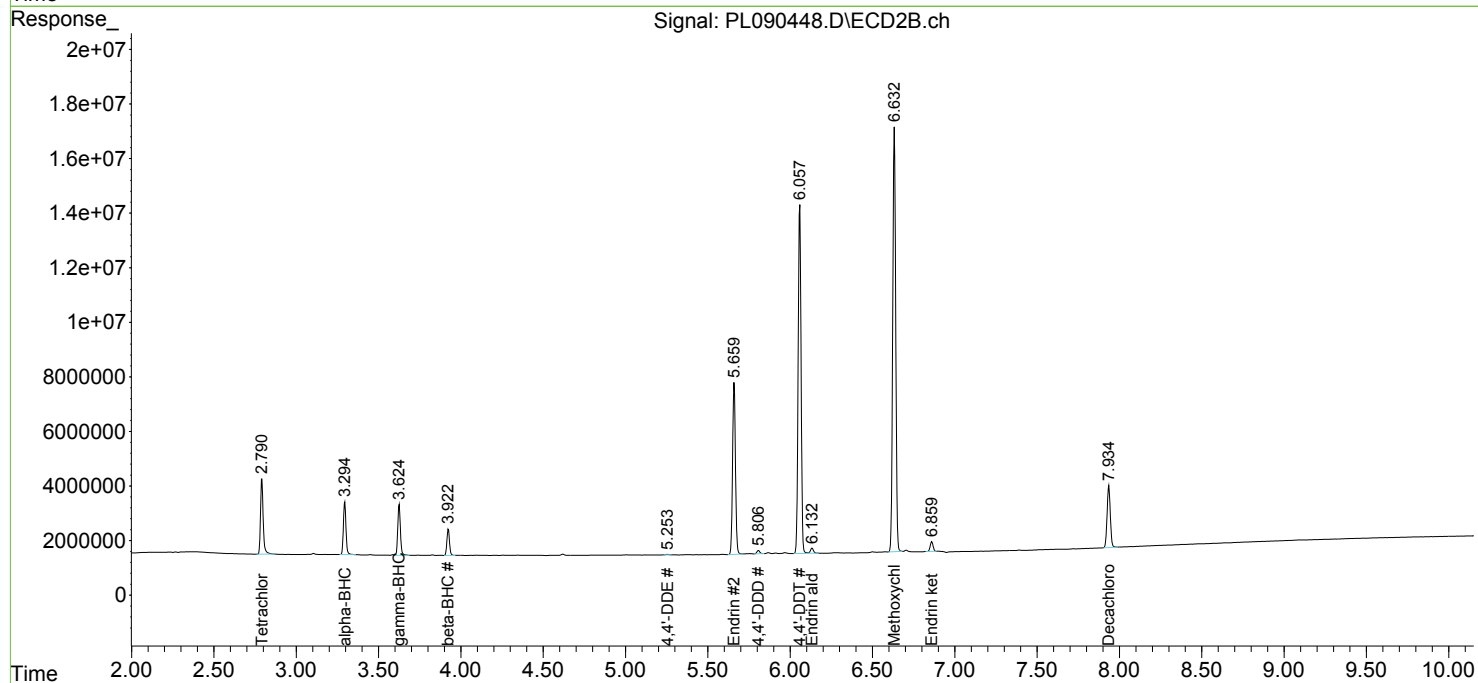
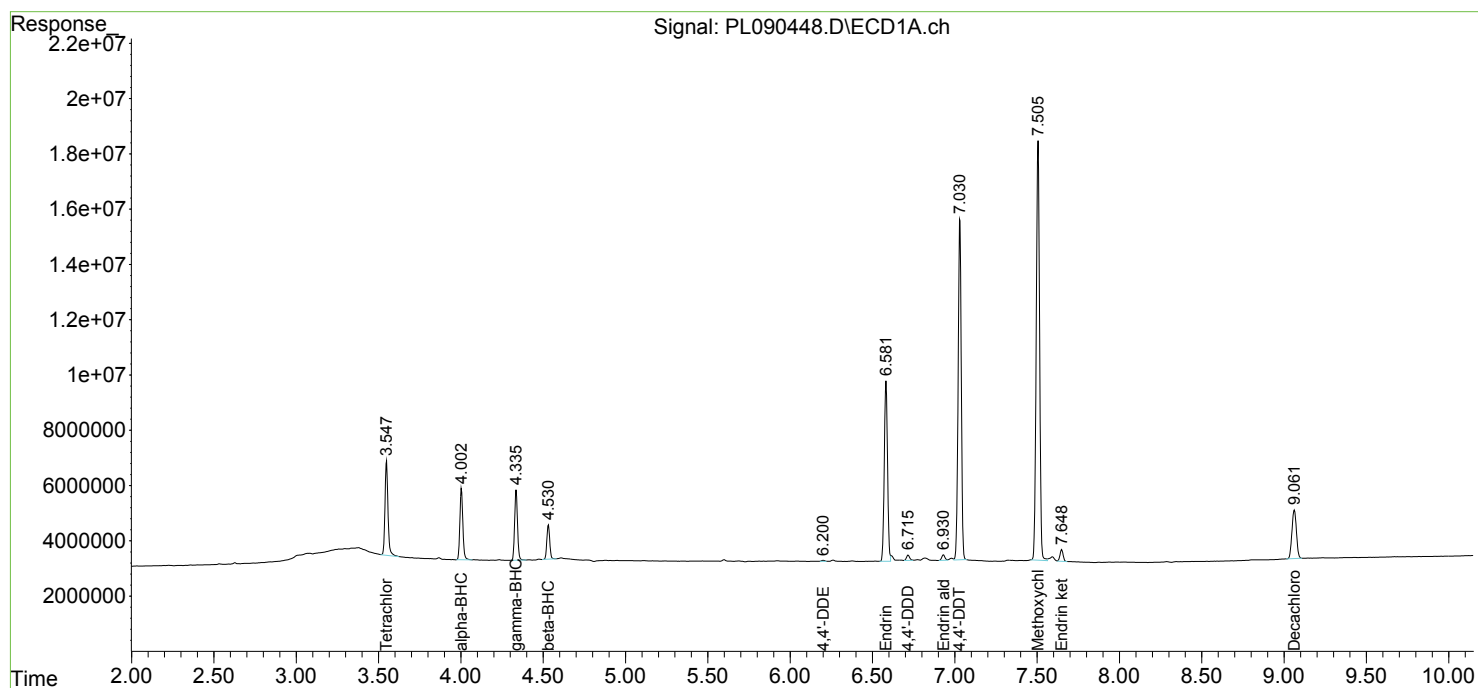
Instrument :
ECD_L
ClientSampleId :
PEM

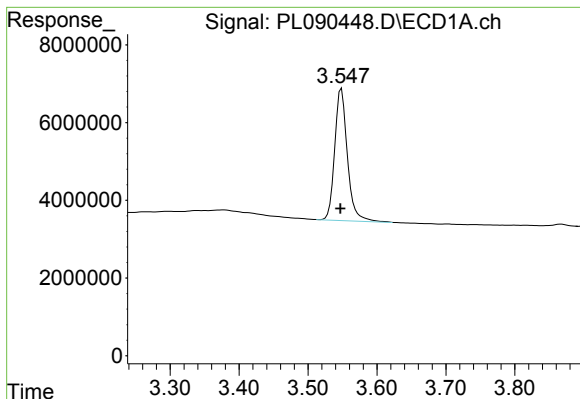
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Integration File signal 1: autoint1.e
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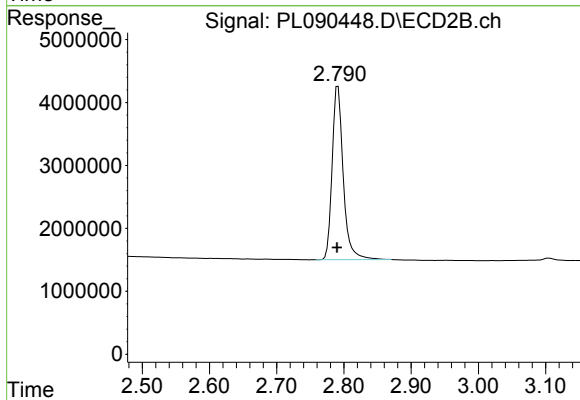
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 43511947
Conc: 19.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

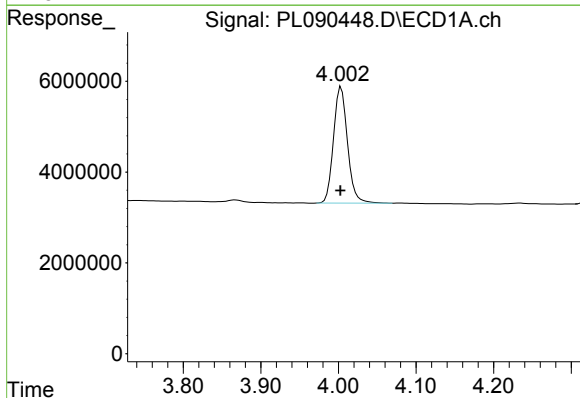
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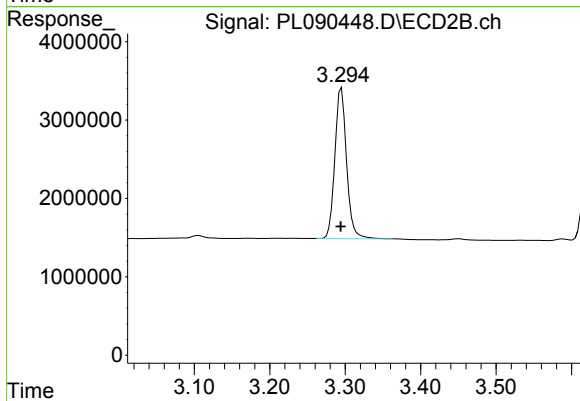
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: 0.002 min
Response: 31389219
Conc: 19.84 ng/ml



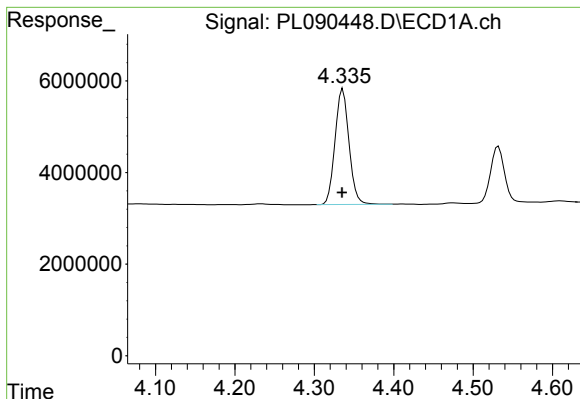
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 32183666
Conc: 10.26 ng/ml



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 20821399
Conc: 9.31 ng/ml m



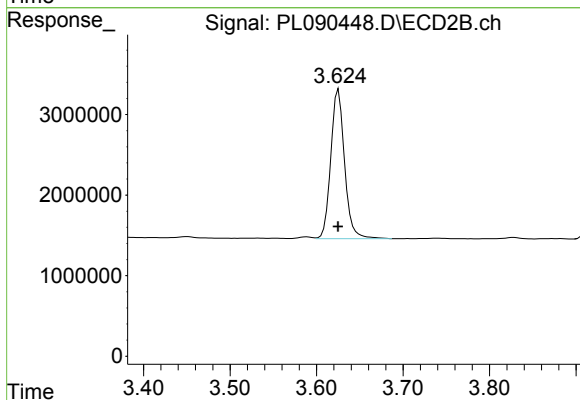
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.001 min
Response: 30841973
Conc: 10.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

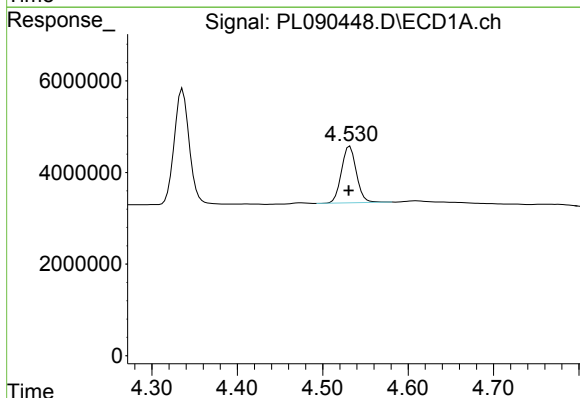
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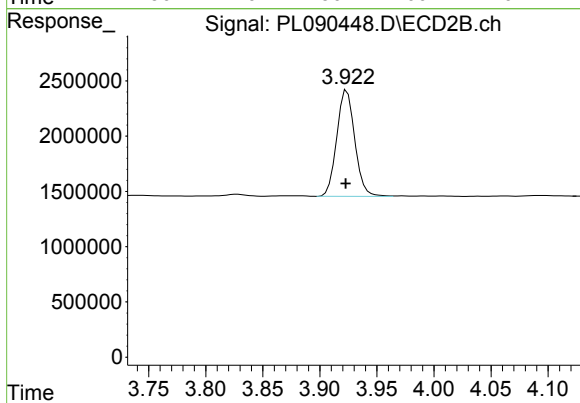
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 20516820
Conc: 9.60 ng/ml m



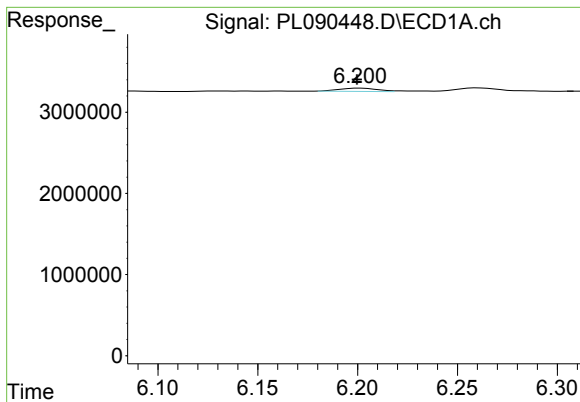
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.002 min
Response: 15001342
Conc: 11.14 ng/ml



#6 beta-BHC

R.T.: 3.924 min
Delta R.T.: 0.001 min
Response: 10581694
Conc: 10.96 ng/ml



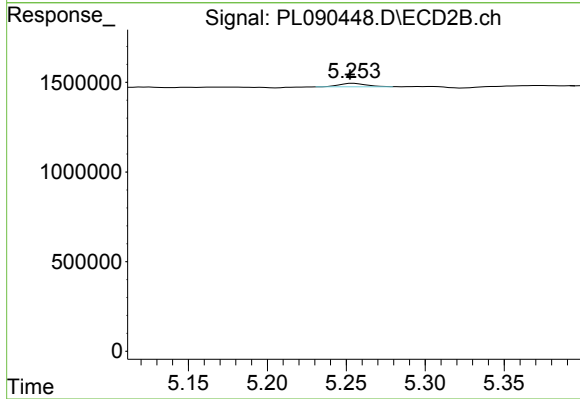
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 570418
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

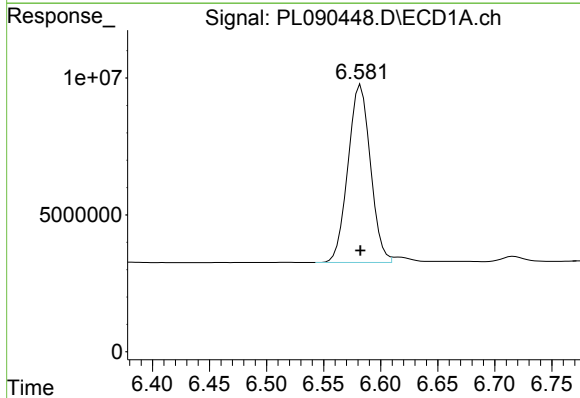
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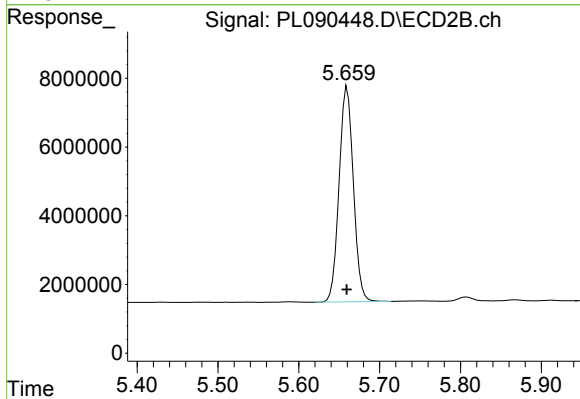
#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 234437
Conc: 0.14 ng/ml m



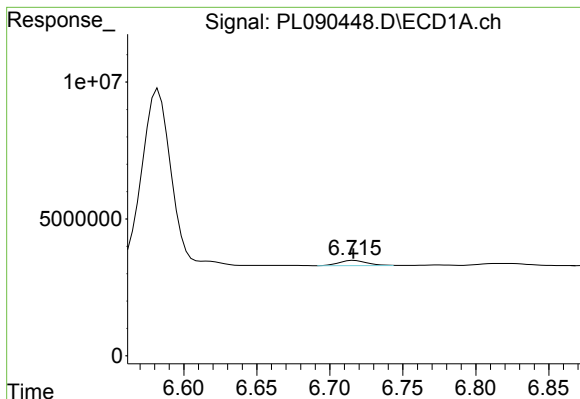
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 88987331
Conc: 41.97 ng/ml m



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 76822517
Conc: 46.46 ng/ml m



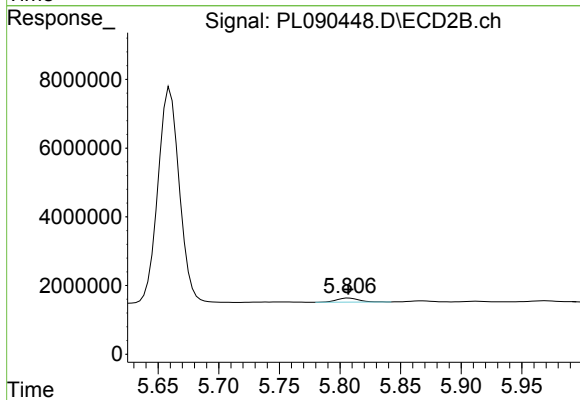
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 2547979
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

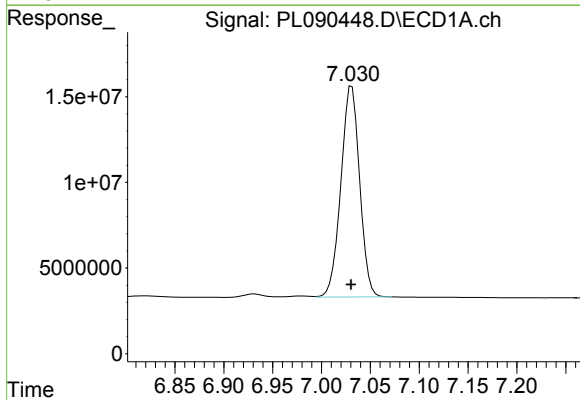
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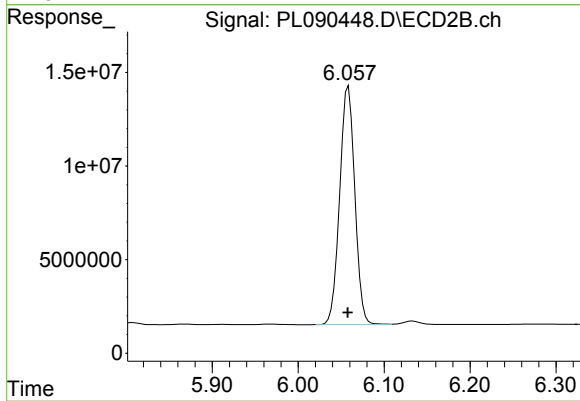
#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 1467990
Conc: 1.07 ng/ml



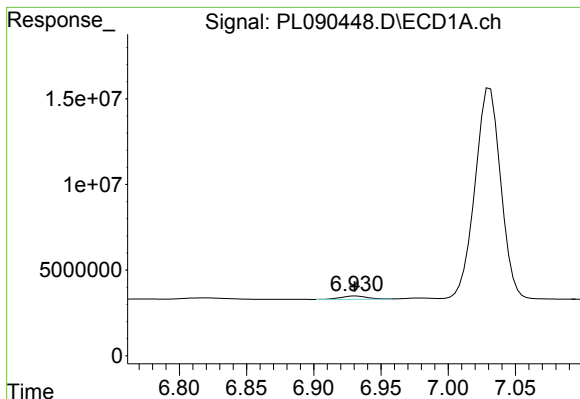
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 164529799
Conc: 85.74 ng/ml



#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 155989779
Conc: 105.39 ng/ml



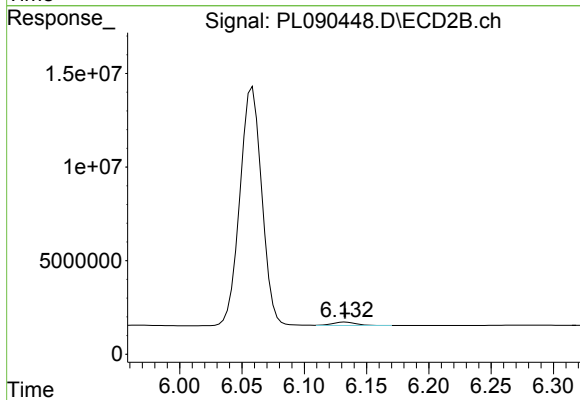
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 2718467
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

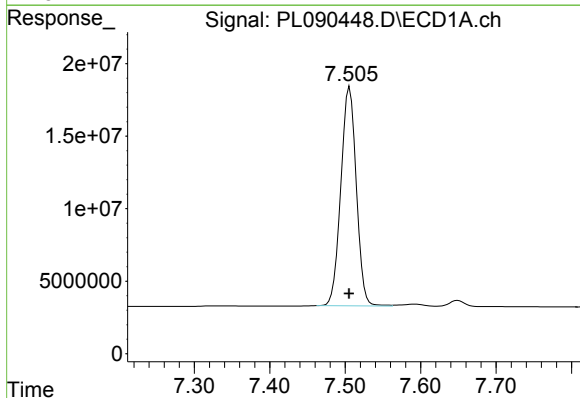
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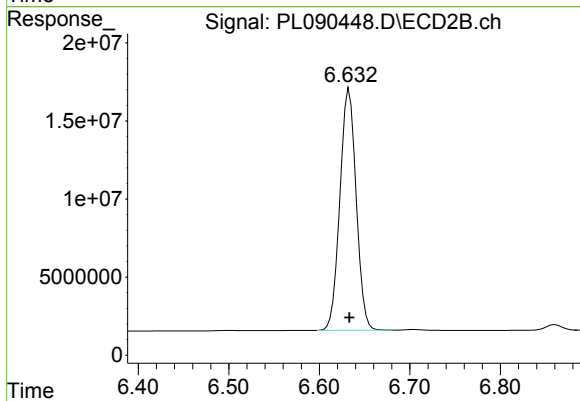
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 2306586
Conc: 1.81 ng/ml m



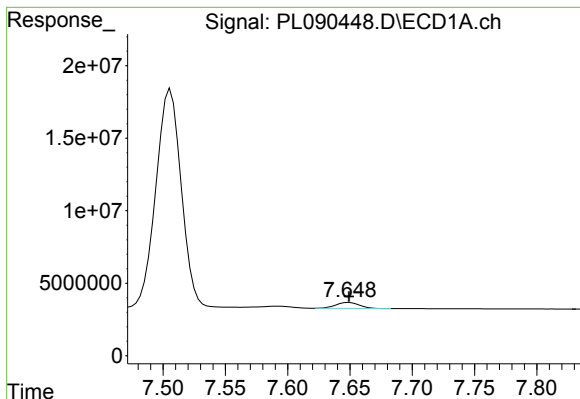
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 215118756
Conc: 208.74 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 193243431
Conc: 231.63 ng/ml m



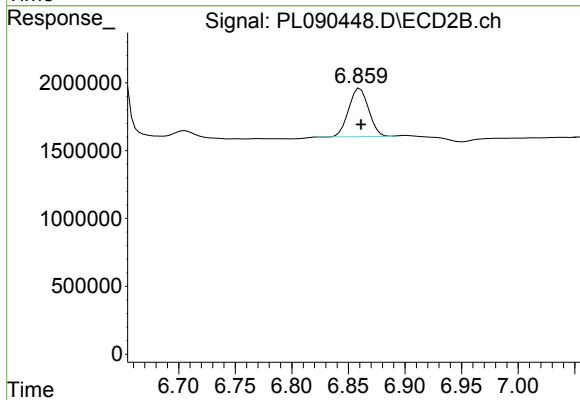
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 5583941
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

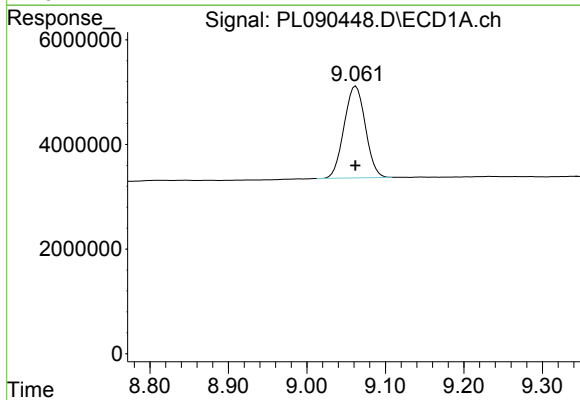
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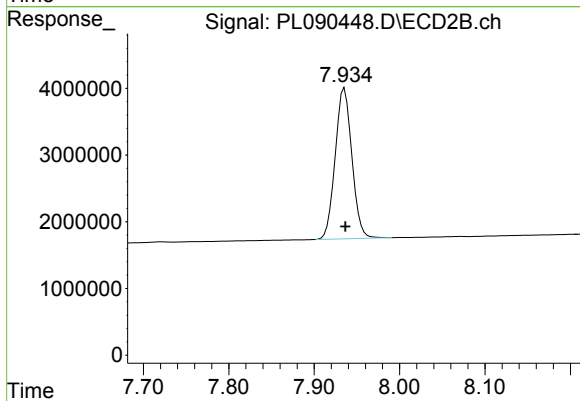
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: -0.001 min
Response: 4389483
Conc: 2.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 33025052
Conc: 21.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: -0.001 min
Response: 30734885
Conc: 20.60 ng/ml