

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071524\
 Data File : PL090509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2024 09:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/16/2024
 Supervised By : Ankita Jodhani 07/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 12:06:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 12:03:59 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...	3.548	2.791	40520502	32841034	19.460	19.514
28)	SA Decachlor...	9.062	7.934	27095049	29241399	20.390	20.055
Target Compounds							
2)	A alpha-BHC	4.003	3.294	31408608	22519010	10.585	9.320
3)	MA gamma-BHC...	4.335	3.625	29798611	21196734	10.641	9.192
6)	B beta-BHC	4.531	3.923	13679649	10848587	10.784	10.510
12)	B 4,4'-DDE	6.199	5.253	594160	402246	0.294m	0.225
14)	MA Endrin	6.582	5.658	84042550	80305188	45.714	46.659
16)	A 4,4'-DDD	6.718	5.807	3911167	2214011	2.317	1.478 #
17)	MA 4,4'-DDT	7.030	6.057	153.8E6	158.1E6	91.390	107.929
18)	B Endrin al...	6.930	6.132	2371429	2303761	1.598	1.763
20)	A Methoxychlor	7.505	6.632	198.1E6	199.6E6	224.340	246.826
21)	B Endrin ke...	7.649	6.860	5117656	4558917	2.681	2.495

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

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Sample : PEM
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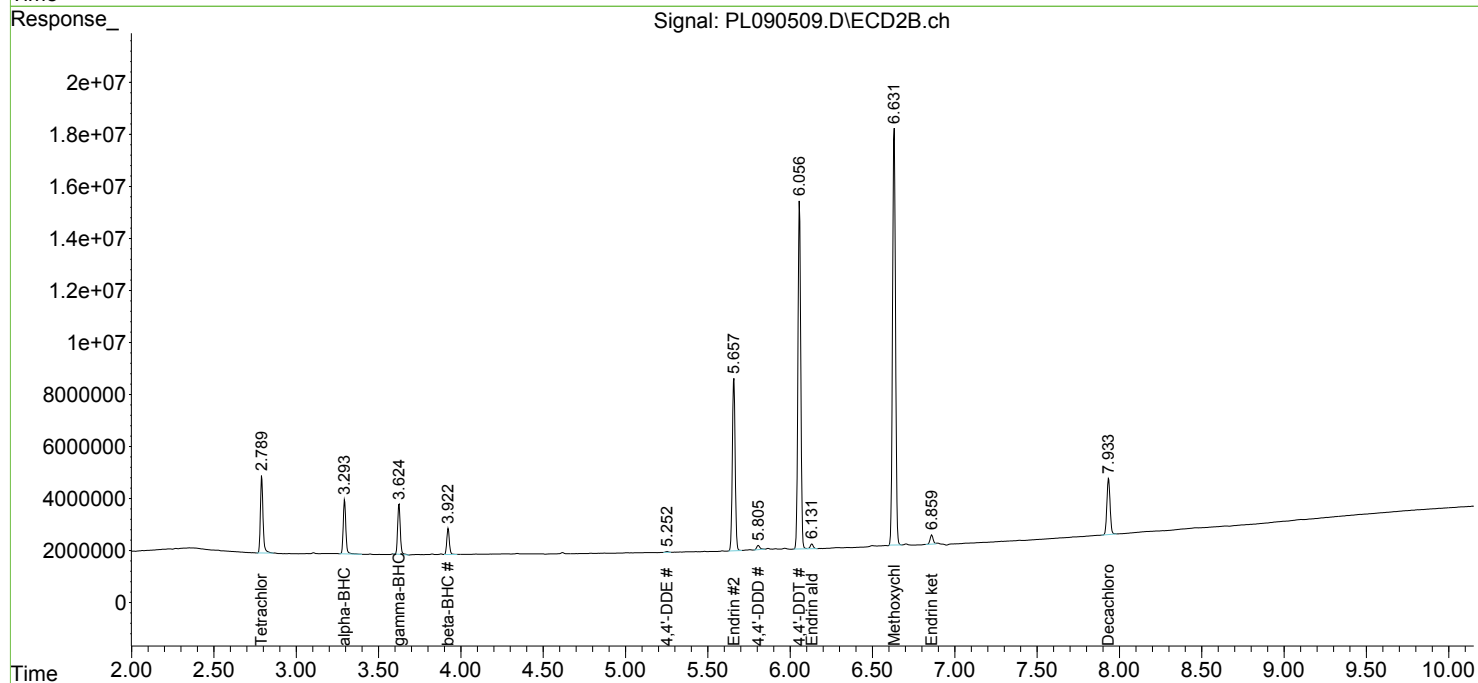
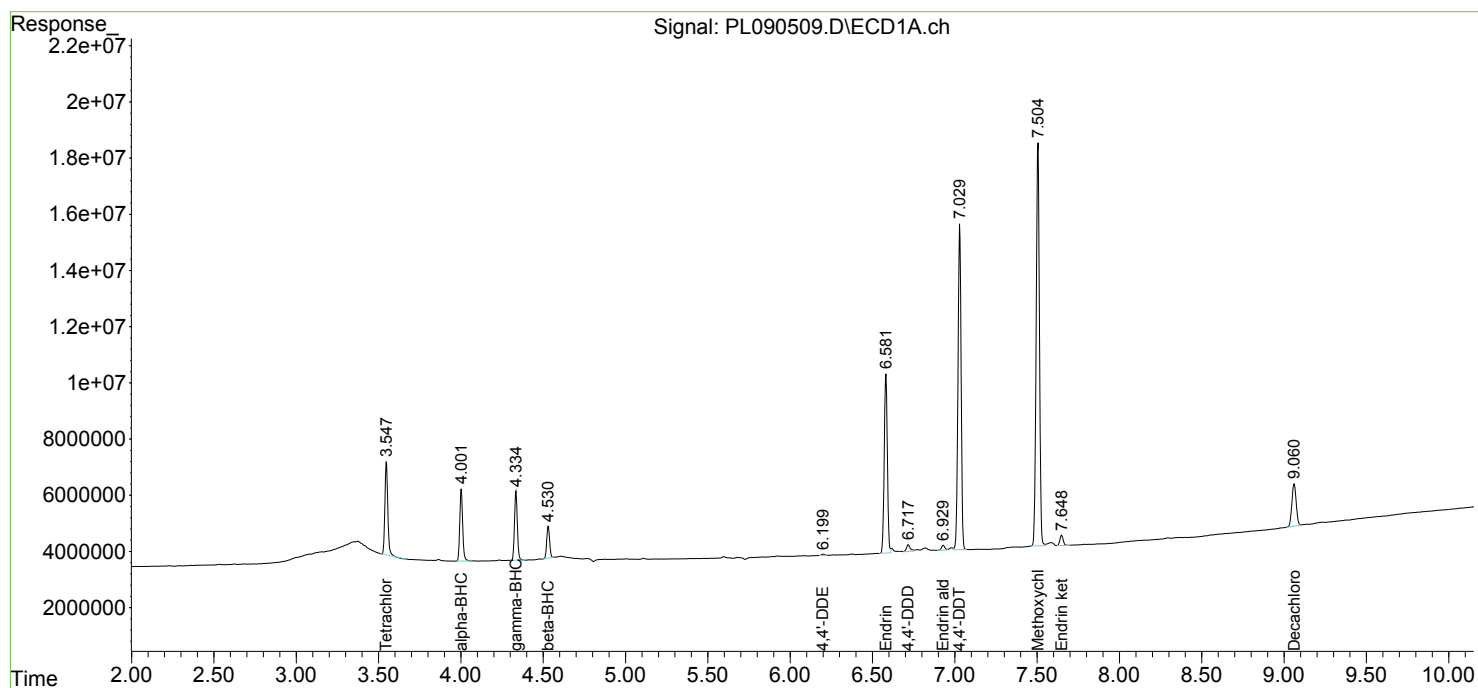
Instrument :
ECD_L
ClientSampleId :
PEM

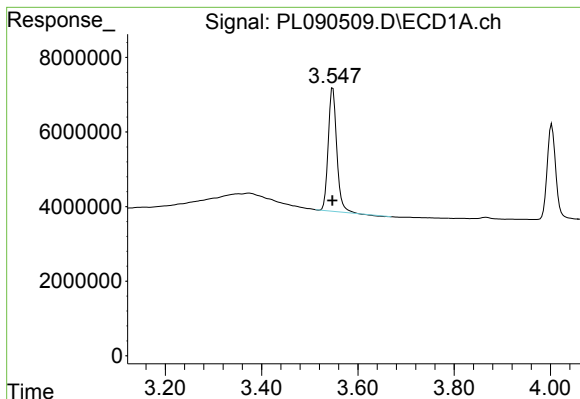
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Integration File signal 1: autoint1.e
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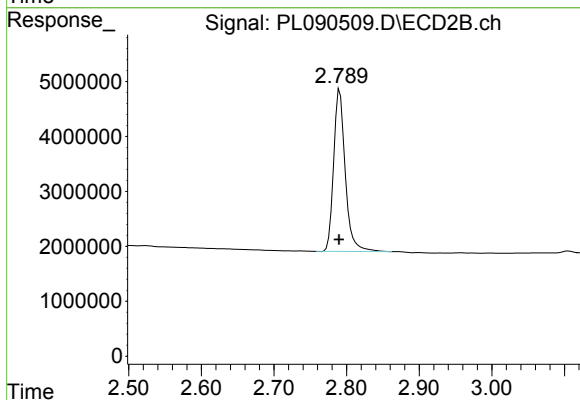
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 40520502
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

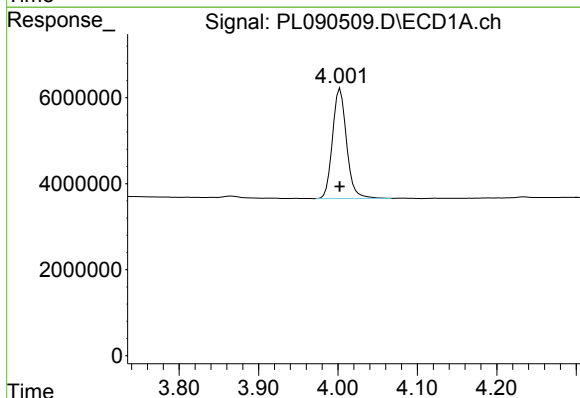
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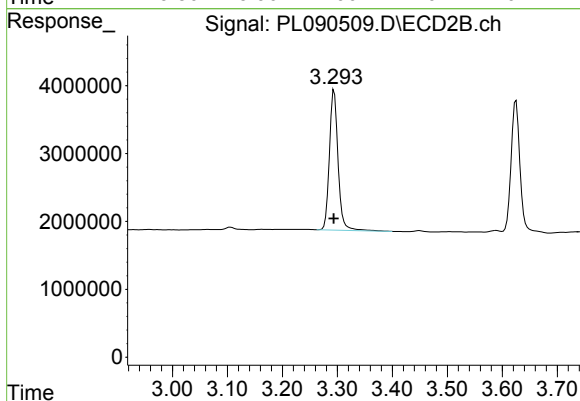
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: 0.000 min
Response: 32841034
Conc: 19.51 ng/ml



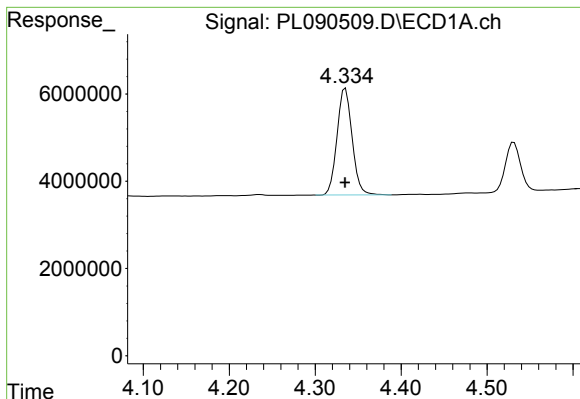
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 31408608
Conc: 10.58 ng/ml



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 22519010
Conc: 9.32 ng/ml



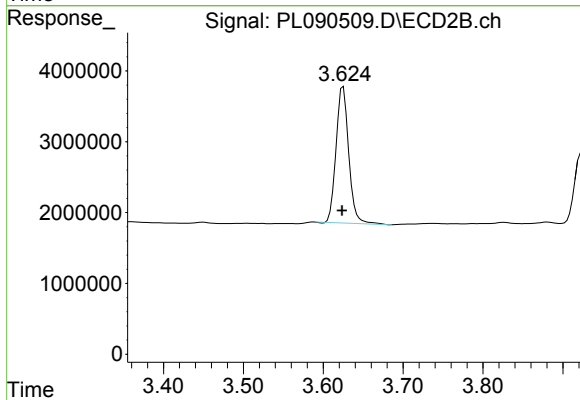
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 29798611
Conc: 10.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

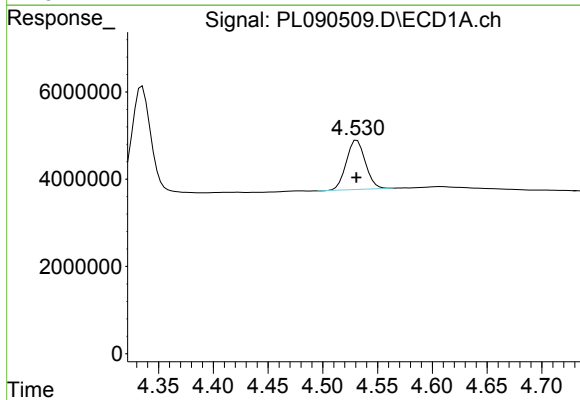
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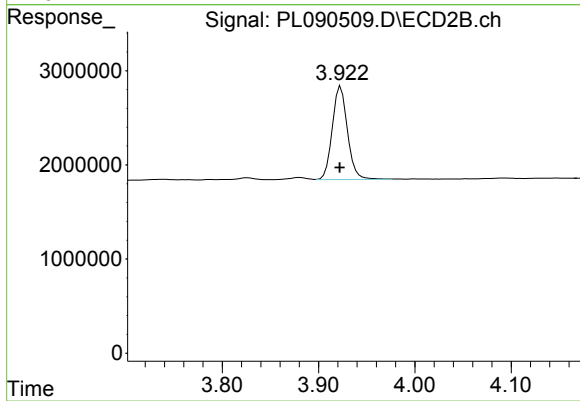
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.001 min
Response: 21196734
Conc: 9.19 ng/ml



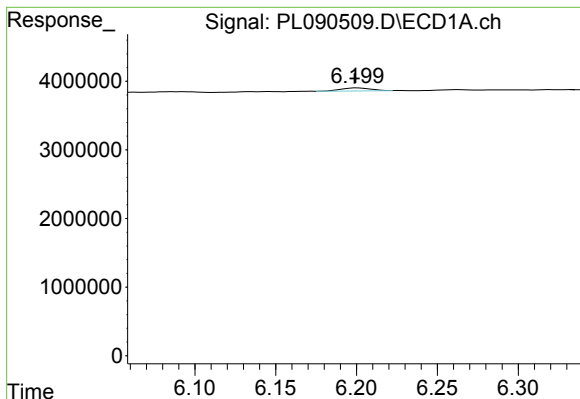
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 13679649
Conc: 10.78 ng/ml



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.001 min
Response: 10848587
Conc: 10.51 ng/ml



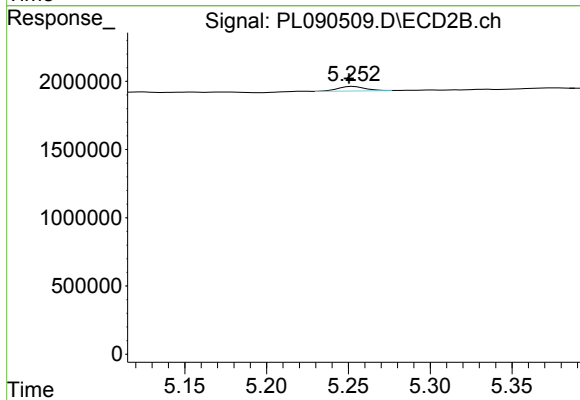
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 594160
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

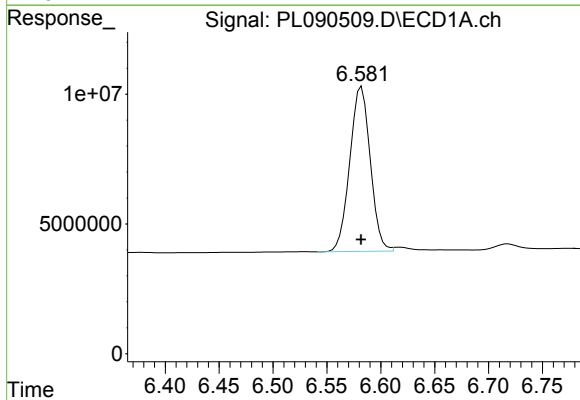
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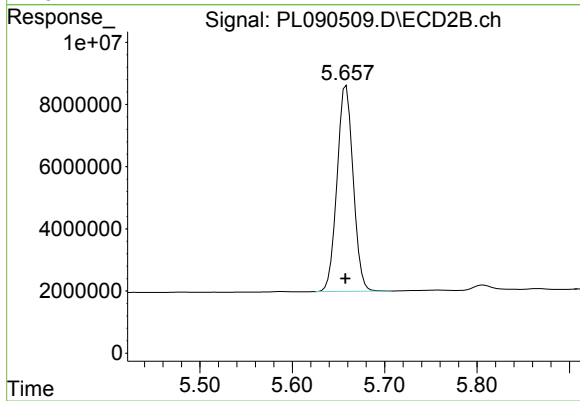
#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.003 min
Response: 402246
Conc: 0.23 ng/ml



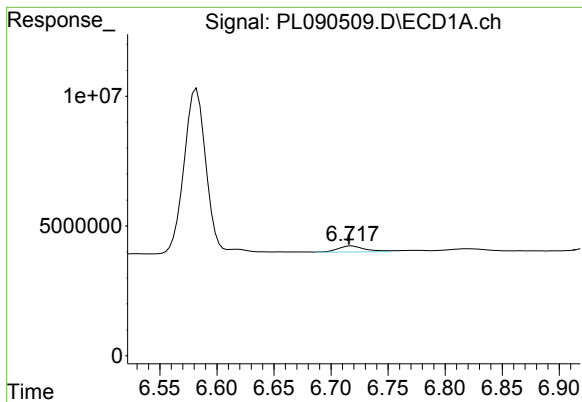
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 84042550
Conc: 45.71 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 80305188
Conc: 46.66 ng/ml



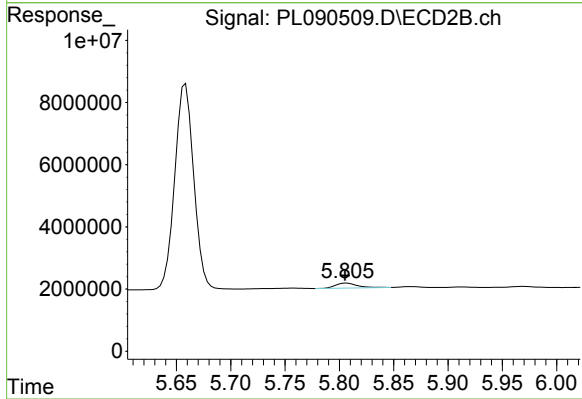
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 3911167
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

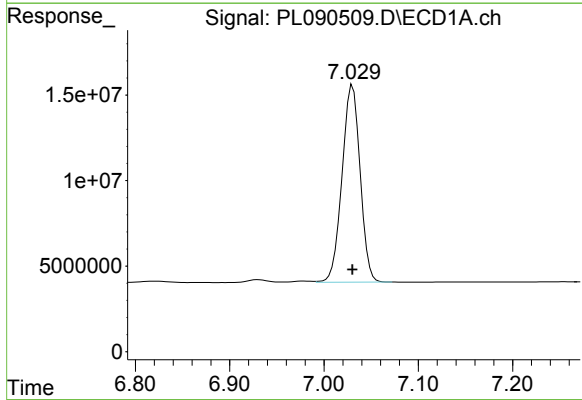
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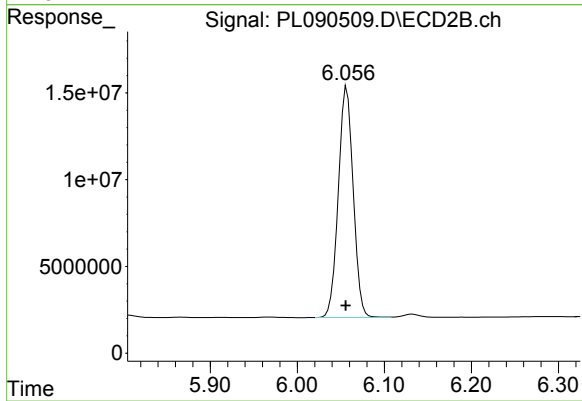
#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 2214011
Conc: 1.48 ng/ml



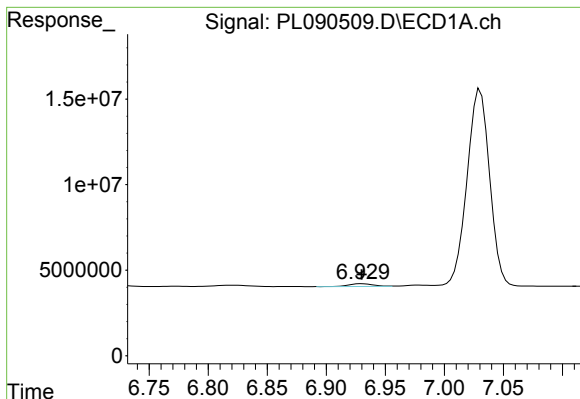
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 153835315
Conc: 91.39 ng/ml



#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 158133185
Conc: 107.93 ng/ml



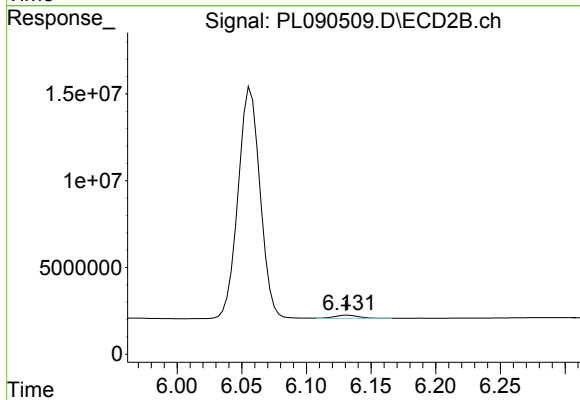
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 2371429
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

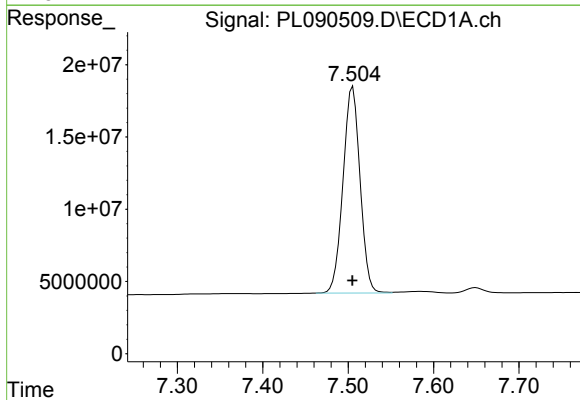
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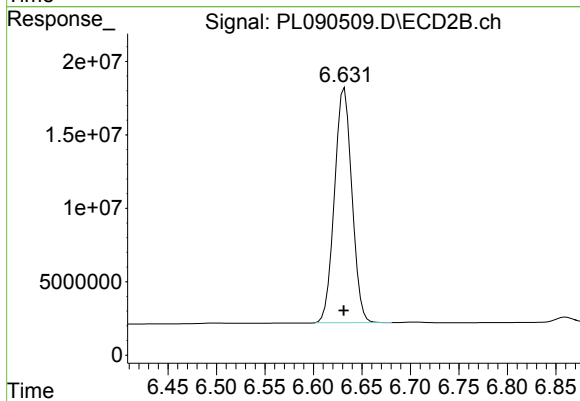
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 2303761
Conc: 1.76 ng/ml



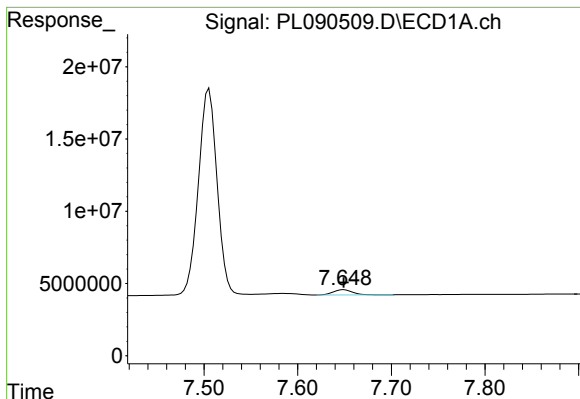
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 198072514
Conc: 224.34 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 199570816
Conc: 246.83 ng/ml



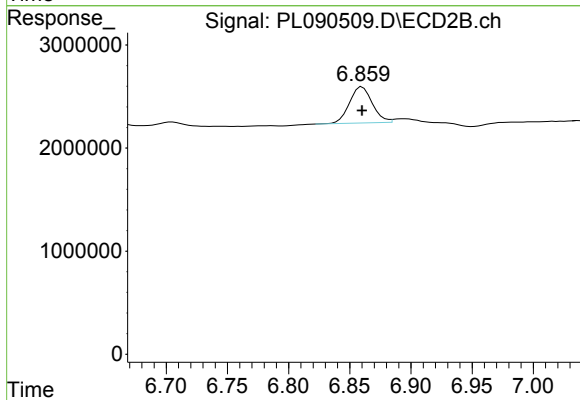
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 5117656
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

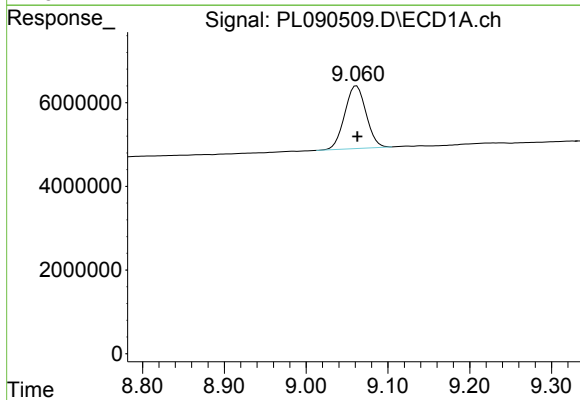
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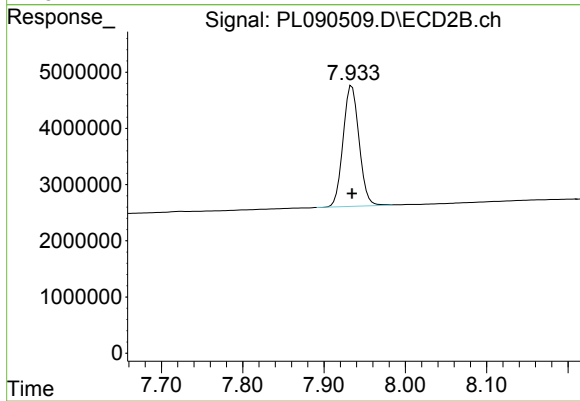
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 4558917
Conc: 2.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 27095049
Conc: 20.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 29241399
Conc: 20.05 ng/ml