

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110322\
 Data File : PL078767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2022 09:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/04/2022
 Supervised By : Ankita Jodhani 11/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 03:15:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.323	2.570	38395127	52619213	20.134	20.609
28)	SA Decachlor...	8.772	7.639	30022461	40969182	19.957	21.630
Target Compounds							
2)	A alpha-BHC	3.783	3.057	26251580	39695247	9.143	10.052
3)	MA gamma-BHC...	4.116	3.378	25942567	36427336	9.710	10.135
6)	B beta-BHC	4.331	3.678	12173630	16833334	10.568	11.732
14)	MA Endrin	6.351	5.369	94063776	130.4E6	49.564	50.052
16)	A 4,4'-DDD	6.499	5.529	2425440	3478207	1.455	1.584
17)	MA 4,4'-DDT	6.808	5.774	180.0E6	237.1E6	100.405	109.317m
18)	B Endrin al...	6.712	5.845	2048887	3470212	1.408	1.849 #
20)	A Methoxychlor	7.292	6.352	234.7E6	284.5E6	254.874	250.696
21)	B Endrin ke...	7.430	6.561	4088933	9618325	2.173	3.721 #

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

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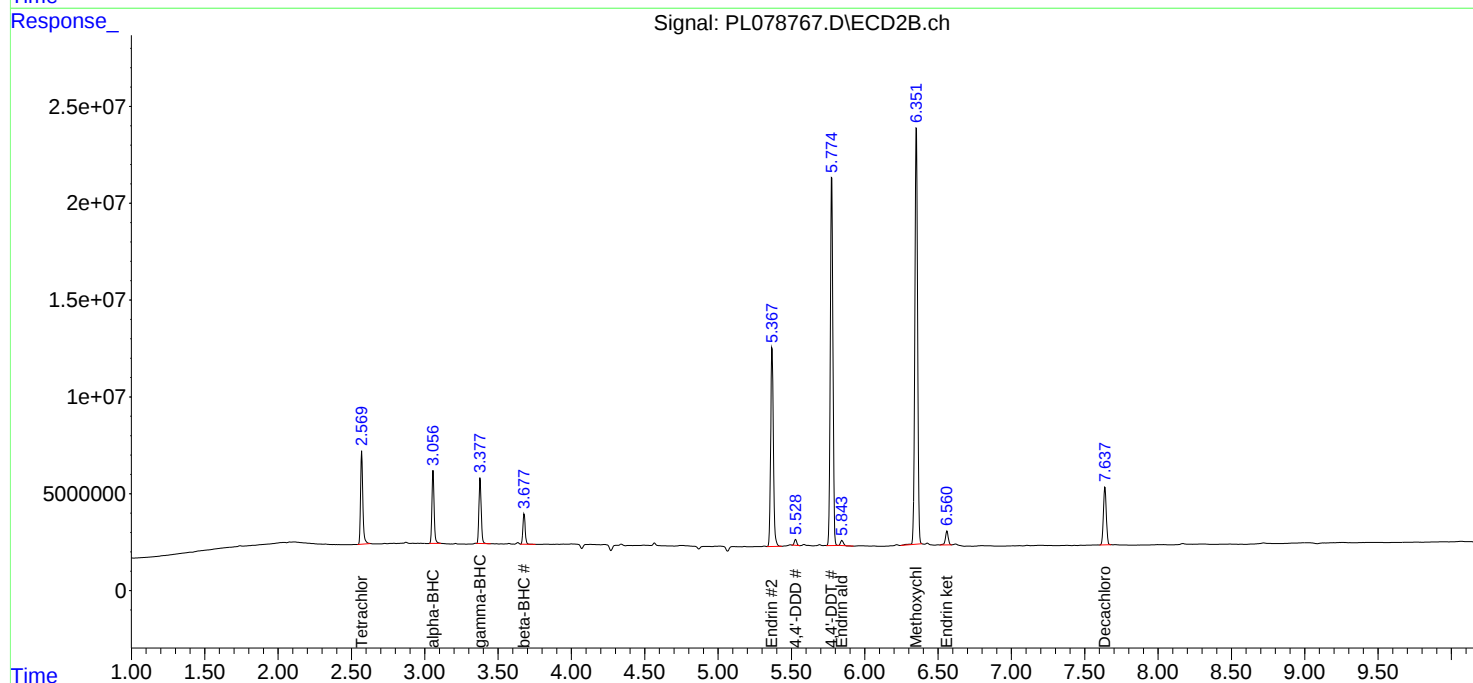
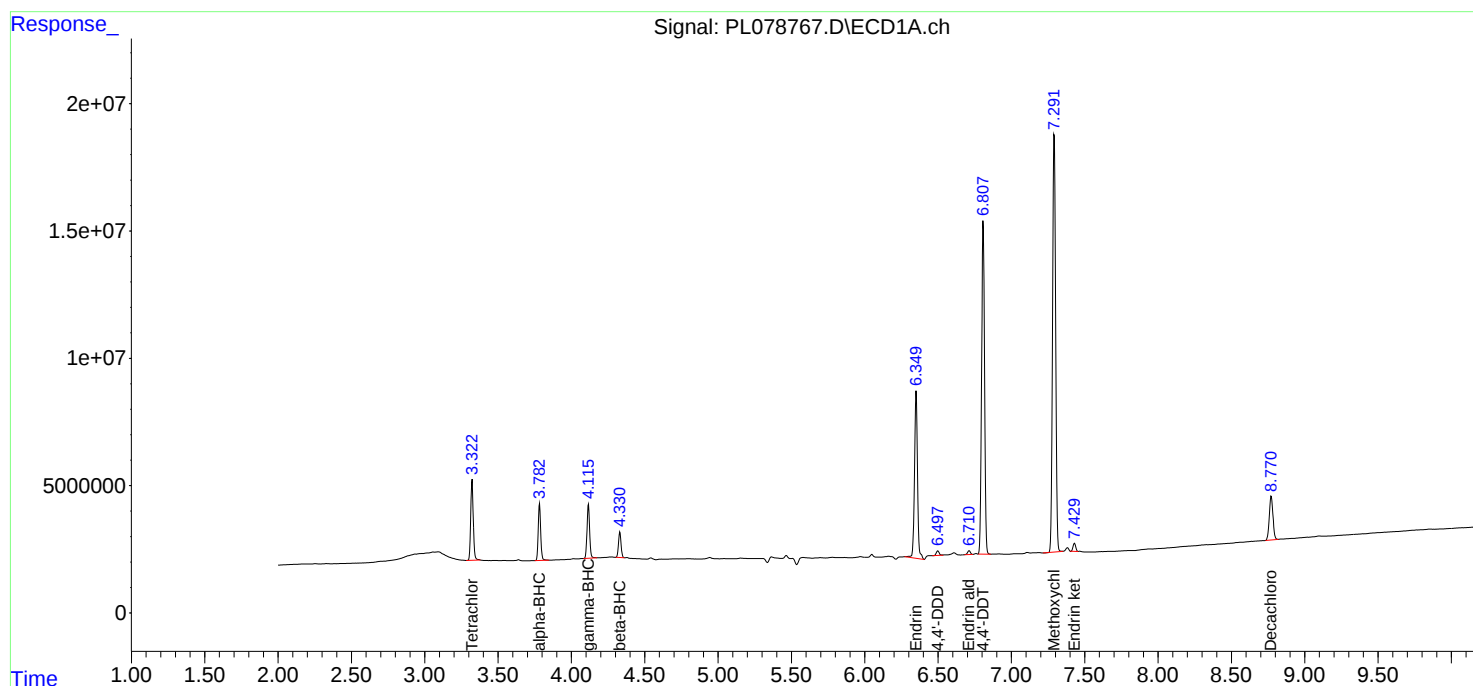
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ECD_L
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PEM

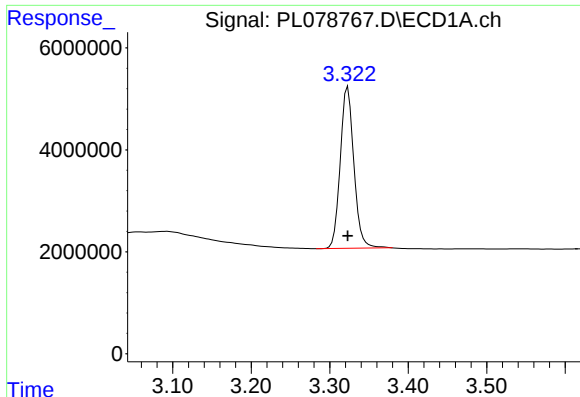
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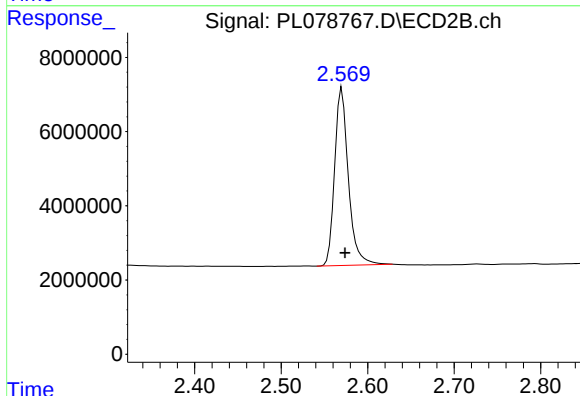
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 38395127
Conc: 20.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

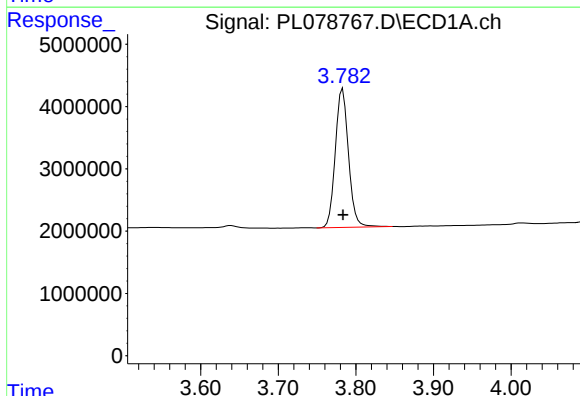
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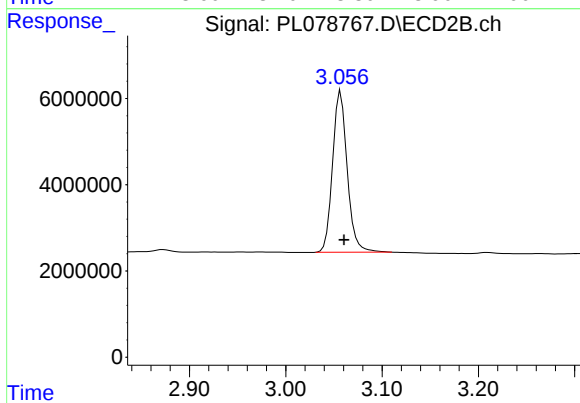
#1 Tetrachloro-m-xylene

R.T.: 2.570 min
Delta R.T.: -0.003 min
Response: 52619213
Conc: 20.61 ng/ml



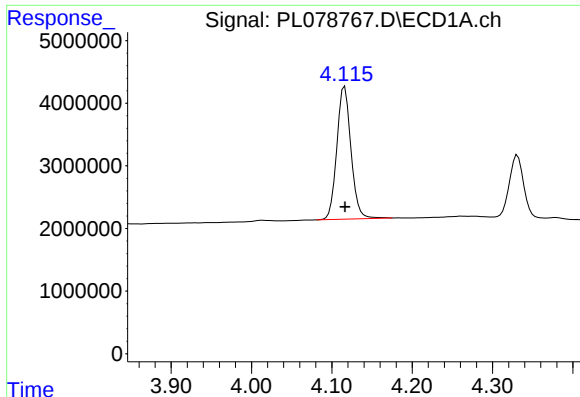
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 26251580
Conc: 9.14 ng/ml



#2 alpha-BHC

R.T.: 3.057 min
Delta R.T.: -0.004 min
Response: 39695247
Conc: 10.05 ng/ml



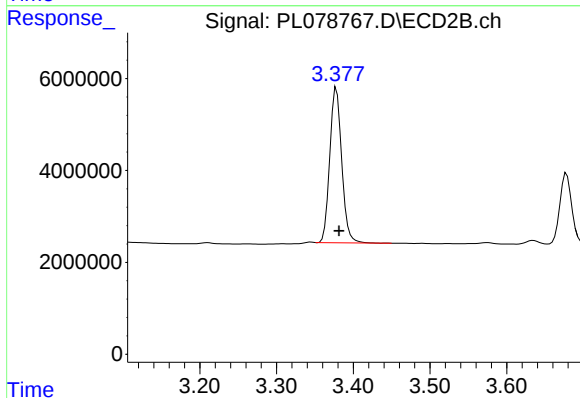
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 25942567
Conc: 9.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

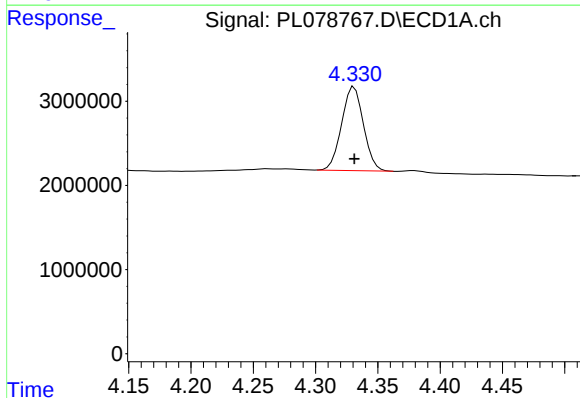
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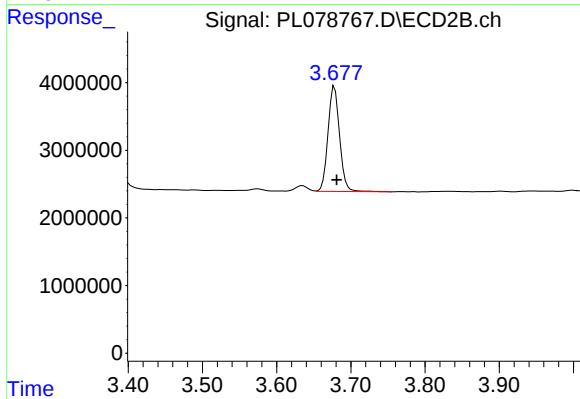
#3 gamma-BHC (Lindane)

R.T.: 3.378 min
Delta R.T.: -0.004 min
Response: 36427336
Conc: 10.14 ng/ml



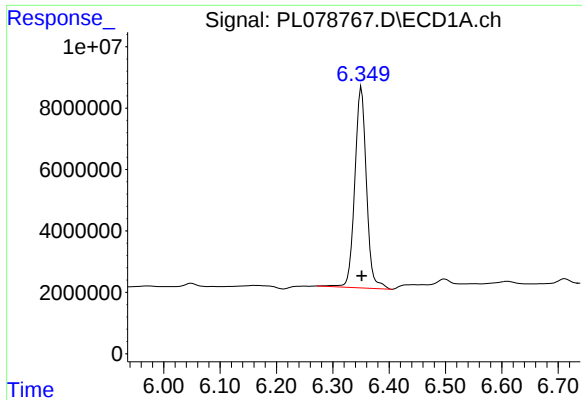
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 12173630
Conc: 10.57 ng/ml



#6 beta-BHC

R.T.: 3.678 min
Delta R.T.: -0.003 min
Response: 16833334
Conc: 11.73 ng/ml



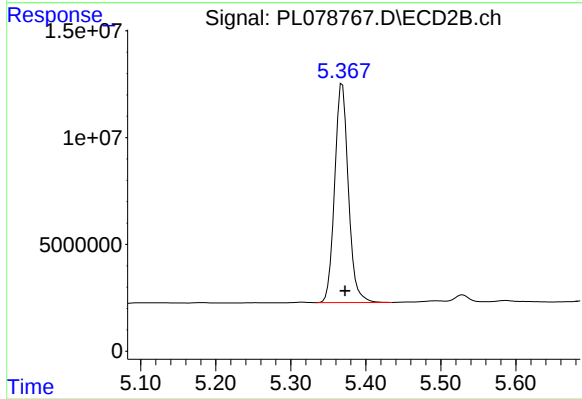
#14 Endrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 94063776
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

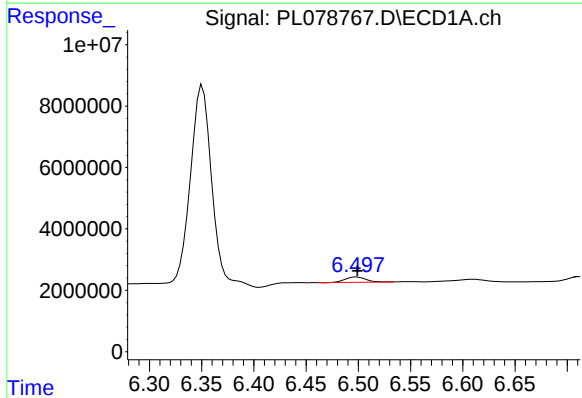
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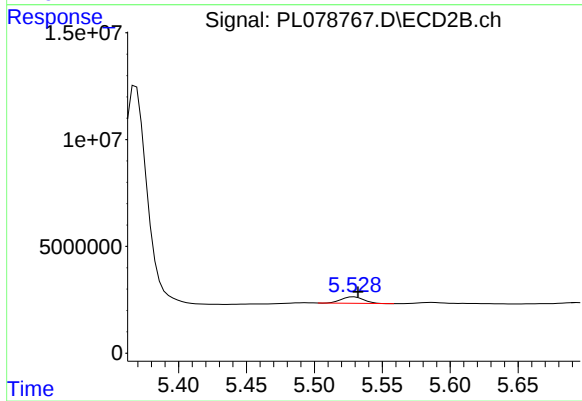
#14 Endrin

R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 130397387
Conc: 50.05 ng/ml



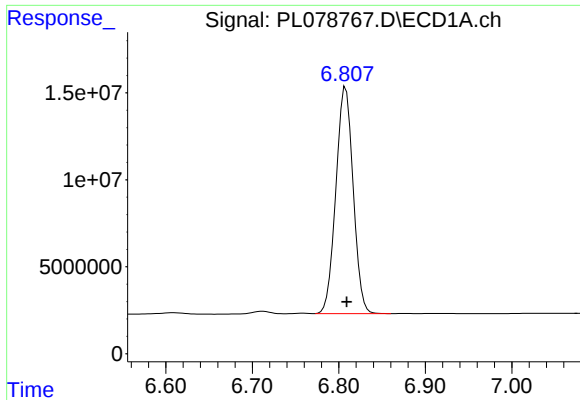
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 2425440
Conc: 1.45 ng/ml



#16 4,4'-DDD

R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 3478207
Conc: 1.58 ng/ml



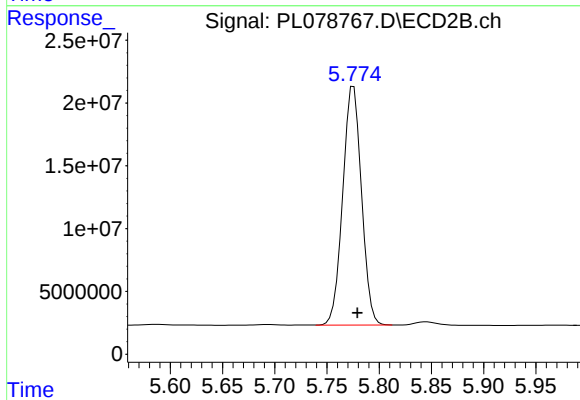
#17 4,4'-DDT

R.T.: 6.808 min
Delta R.T.: -0.001 min
Response: 179959054
Conc: 100.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

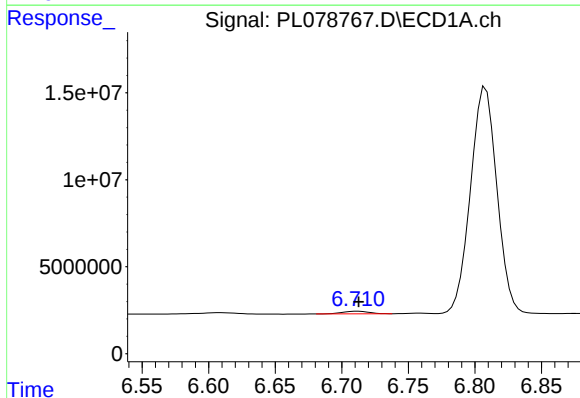
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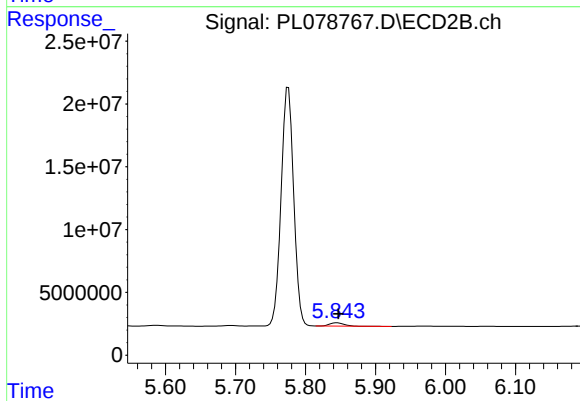
#17 4,4'-DDT

R.T.: 5.774 min
Delta R.T.: -0.005 min
Response: 237122022
Conc: 109.32 ng/ml m



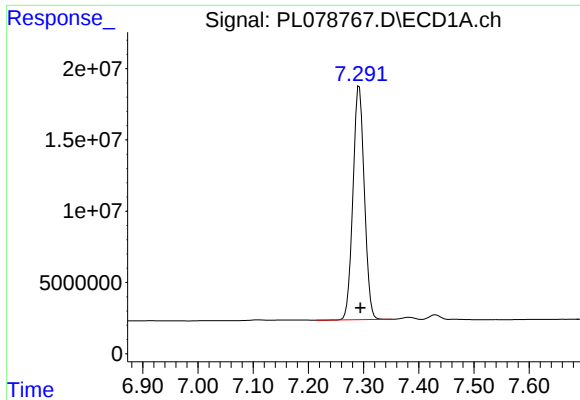
#18 Endrin aldehyde

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 2048887
Conc: 1.41 ng/ml



#18 Endrin aldehyde

R.T.: 5.845 min
Delta R.T.: -0.003 min
Response: 3470212
Conc: 1.85 ng/ml



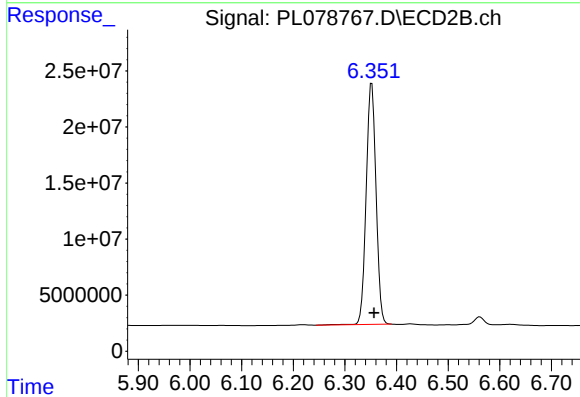
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 234710419
Conc: 254.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

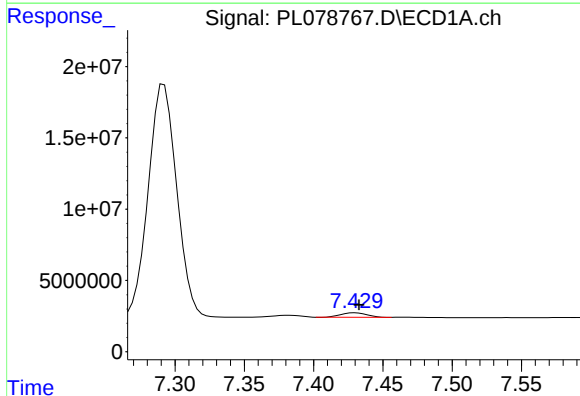
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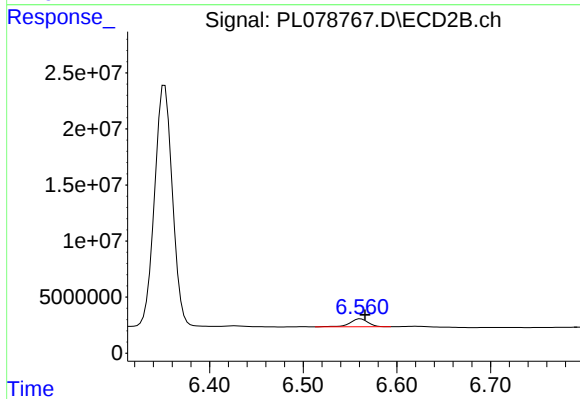
#20 Methoxychlor

R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 284488701
Conc: 250.70 ng/ml



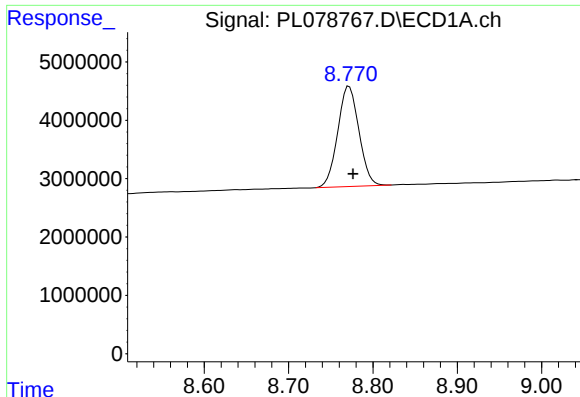
#21 Endrin ketone

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 4088933
Conc: 2.17 ng/ml



#21 Endrin ketone

R.T.: 6.561 min
Delta R.T.: -0.005 min
Response: 9618325
Conc: 3.72 ng/ml



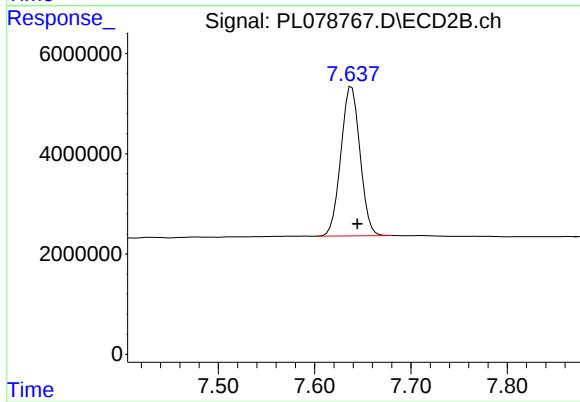
#28 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.005 min
Response: 30022461
Conc: 19.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 40969182
Conc: 21.63 ng/ml