

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 15:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 21:15:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.320	2.643	50189934	42567132	18.789	18.374
28)	SA Decachlor...	8.738	7.753	41065362	46377960	21.511	20.319
Target Compounds							
2)	A alpha-BHC	3.769	3.140	34255775	28275007	8.606	8.308
3)	MA gamma-BHC...	4.098	3.467	33744664	27507600	9.025	8.555
6)	B beta-BHC	4.301	3.768	16763319	14208676	9.829	10.414
14)	MA Endrin	6.321	5.483	107.2E6	109.2E6	44.203	44.628
16)	A 4,4'-DDD	6.466	5.634	1386250	1042928	0.684	0.558
17)	MA 4,4'-DDT	6.777	5.883	213.0E6	216.1E6	93.092	102.301
18)	B Endrin al...	6.673	5.961	2712862	4854539	1.440	2.594 #
20)	A Methoxychlor	7.257	6.461	287.4E6	293.2E6	235.497	241.925m
21)	B Endrin ke...	7.386	6.685	3846784	4886661	1.607	1.925m

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

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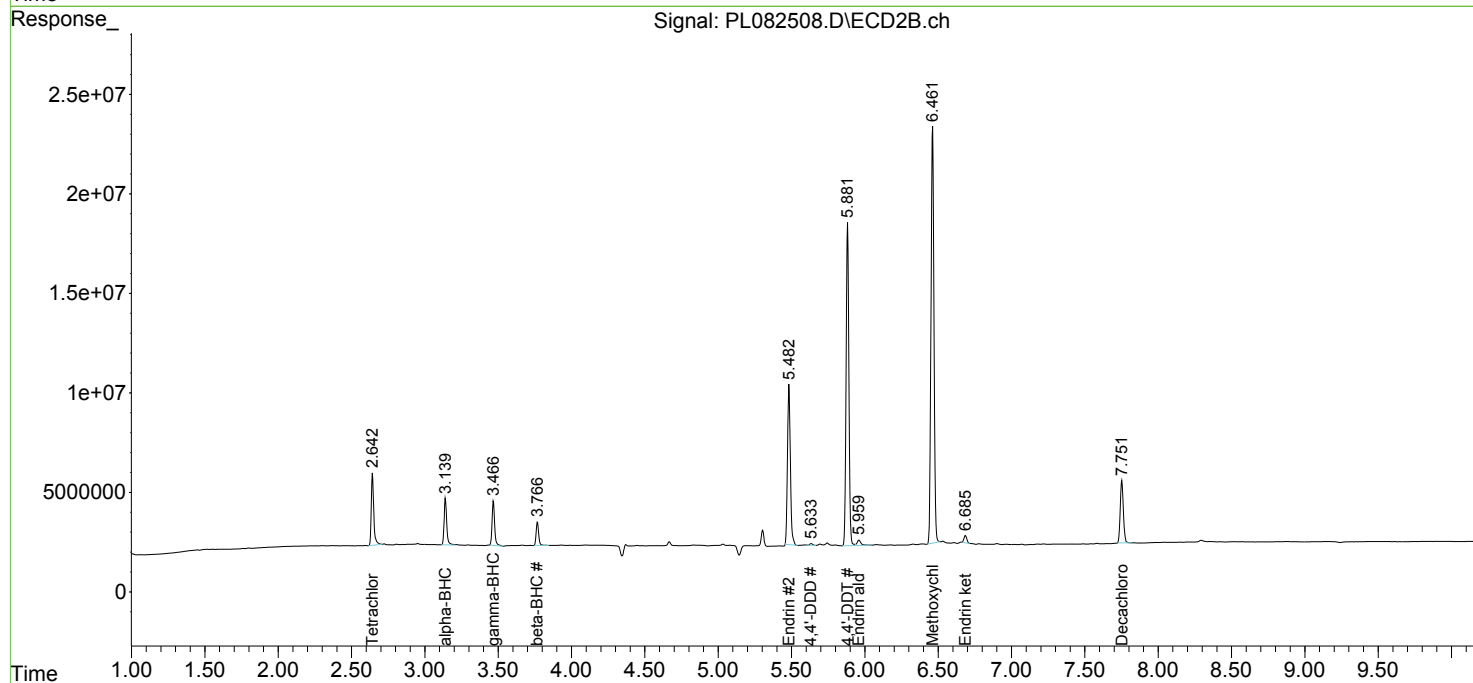
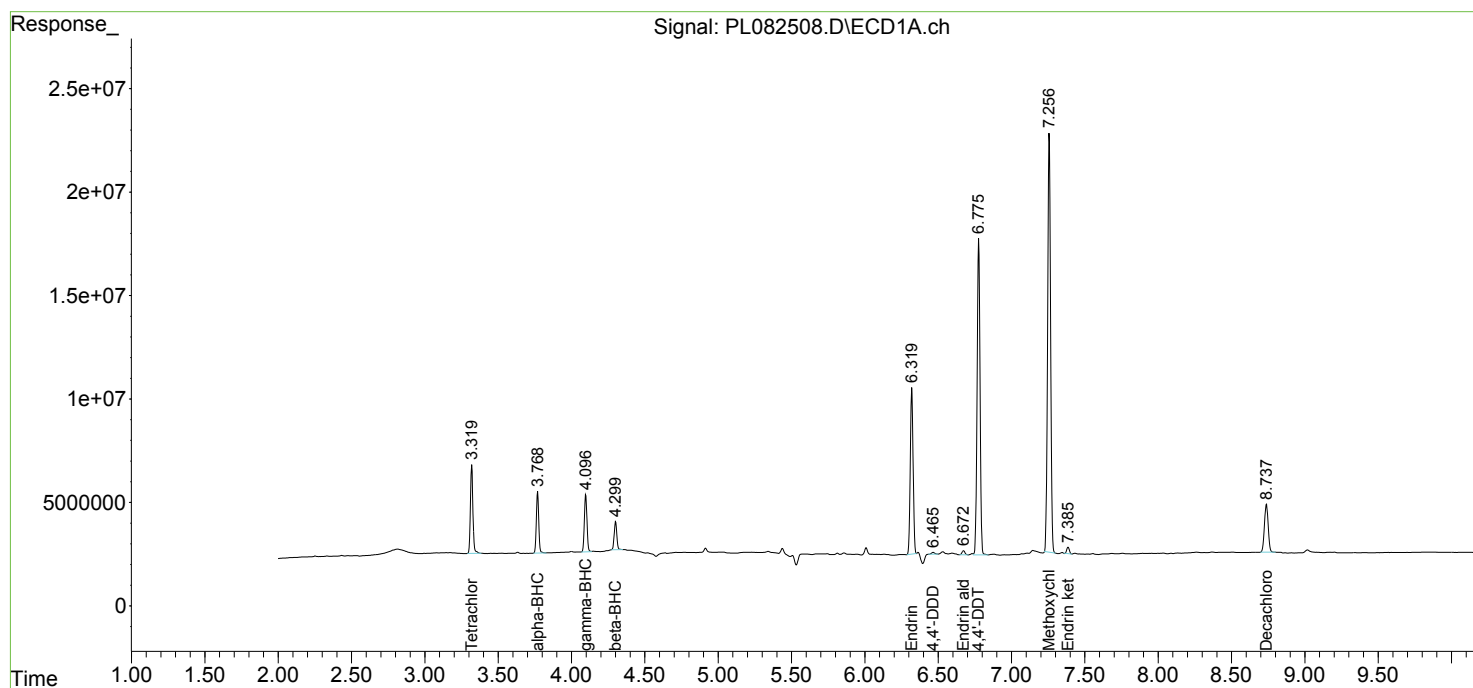
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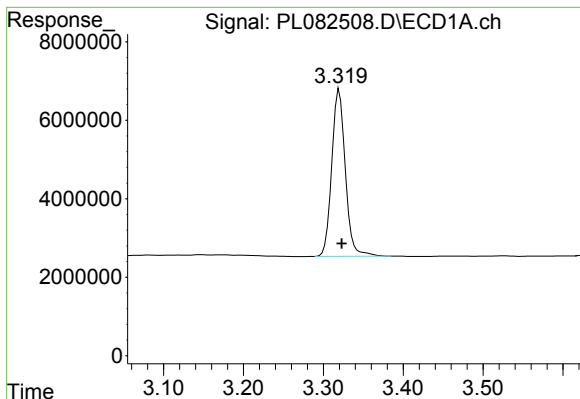
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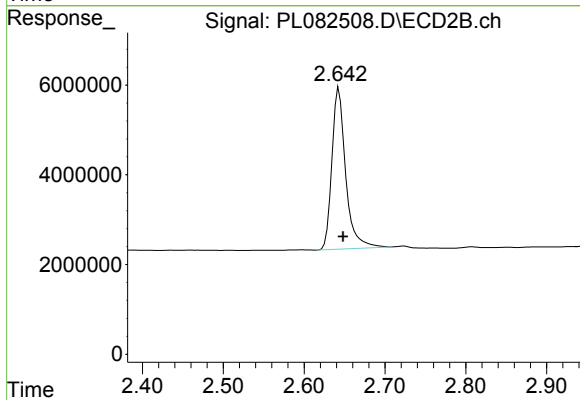
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 50189934
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

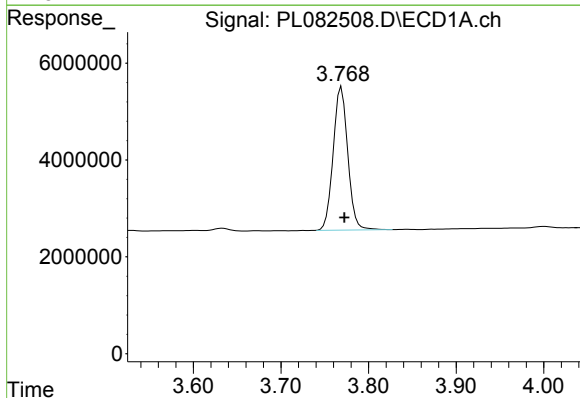
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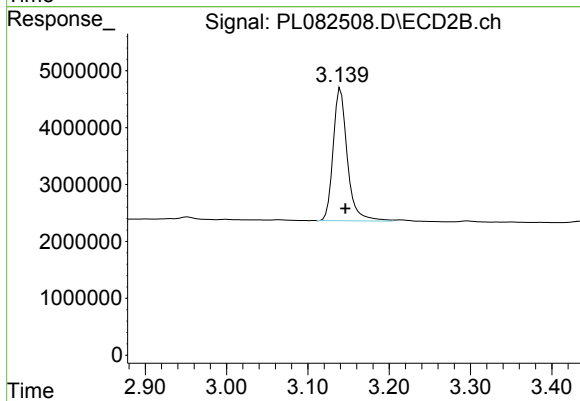
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 42567132
Conc: 18.37 ng/ml



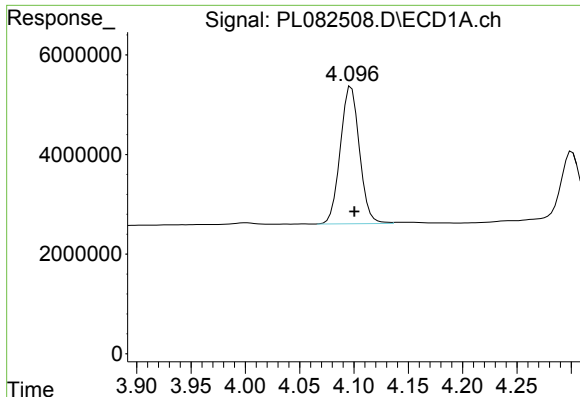
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 34255775
Conc: 8.61 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.006 min
Response: 28275007
Conc: 8.31 ng/ml



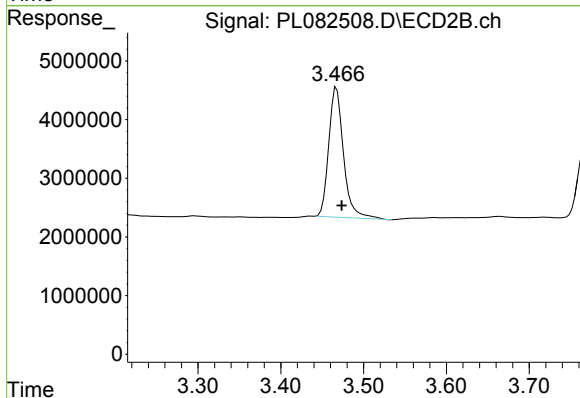
#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.003 min
Response: 33744664
Conc: 9.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

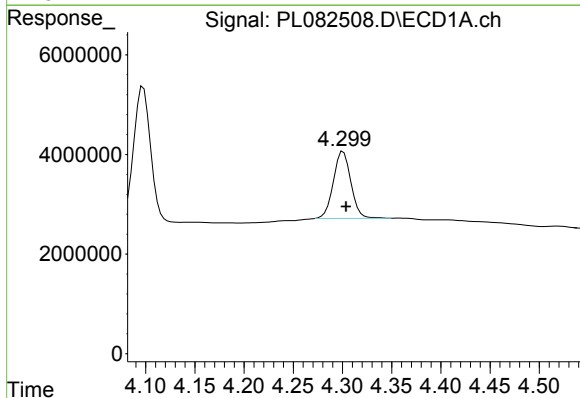
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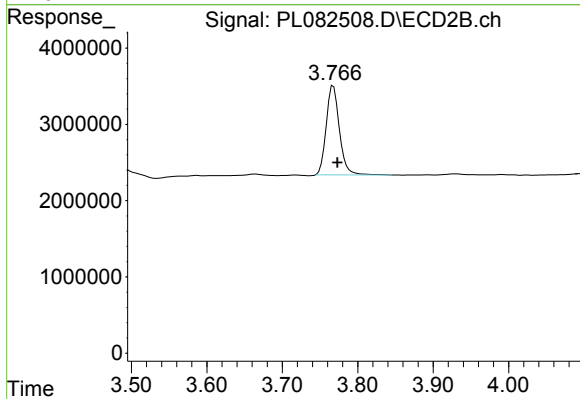
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.006 min
Response: 27507600
Conc: 8.56 ng/ml



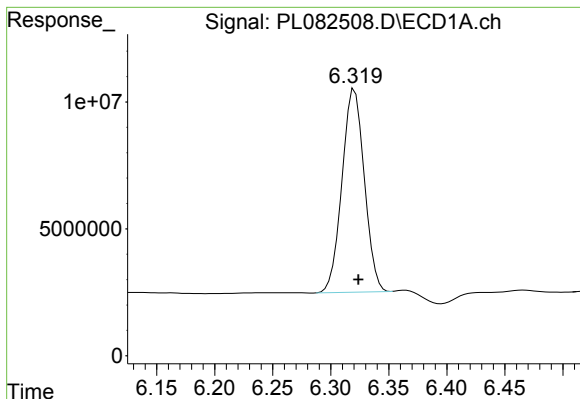
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 16763319
Conc: 9.83 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 14208676
Conc: 10.41 ng/ml



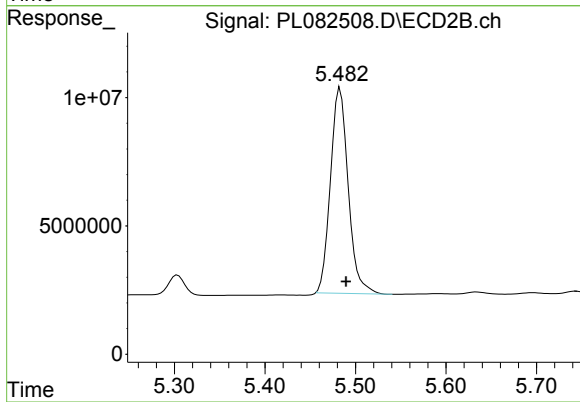
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 107172032
Conc: 44.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

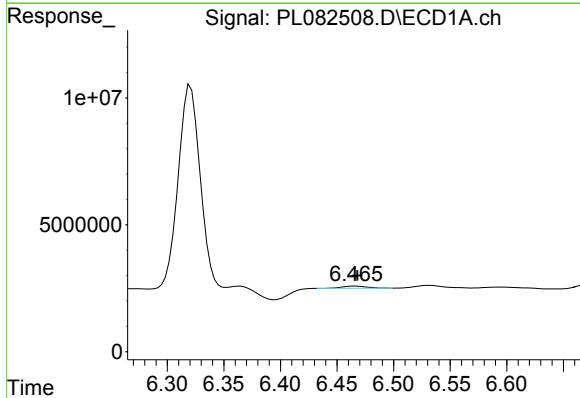
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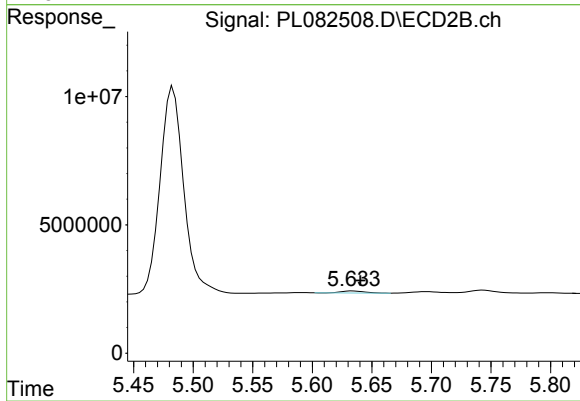
#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.006 min
Response: 109159089
Conc: 44.63 ng/ml



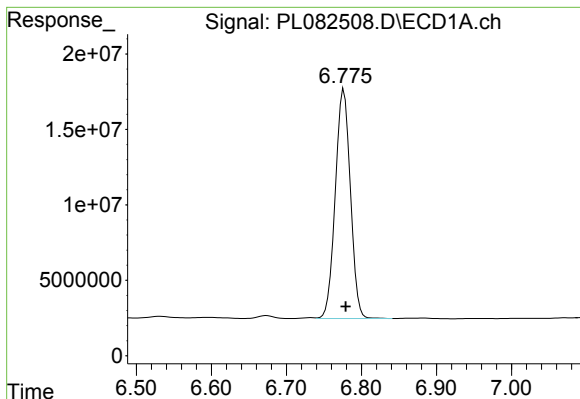
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 1386250
Conc: 0.68 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 1042928
Conc: 0.56 ng/ml



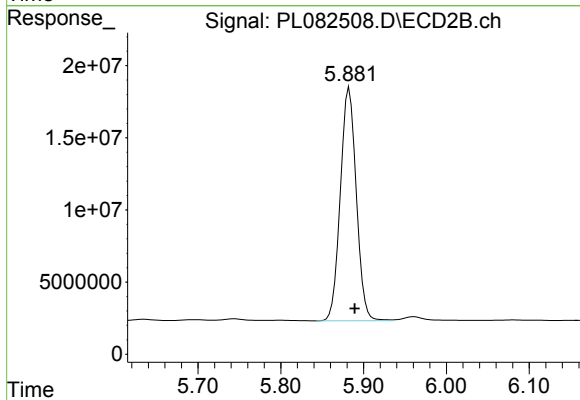
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 212968226
Conc: 93.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

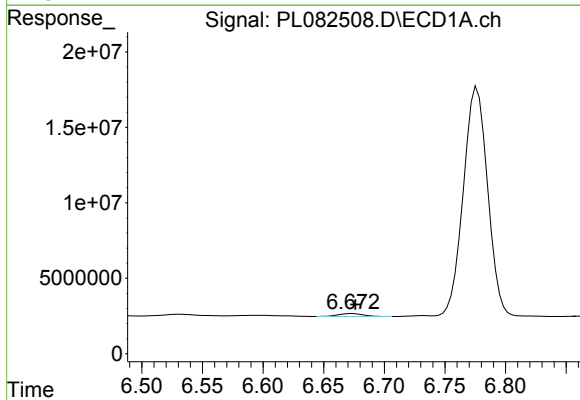
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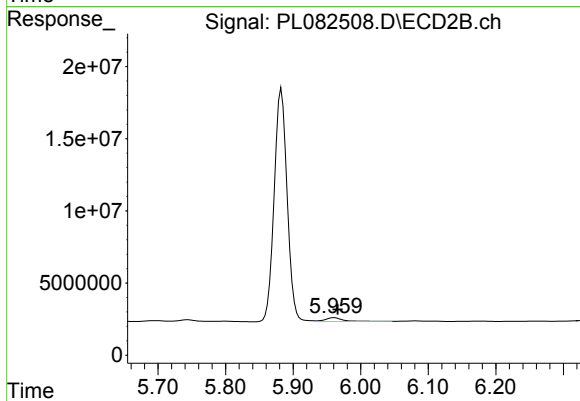
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 216119357
Conc: 102.30 ng/ml



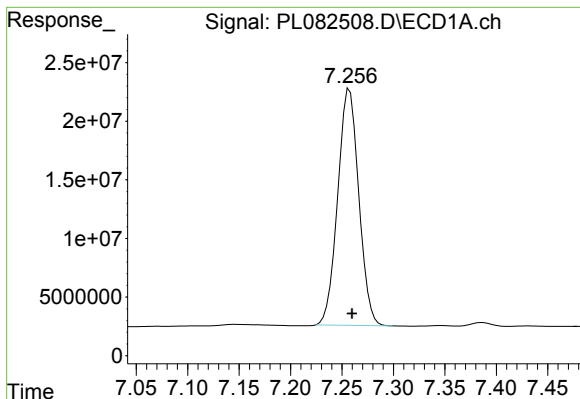
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 2712862
Conc: 1.44 ng/ml



#18 Endrin aldehyde

R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 4854539
Conc: 2.59 ng/ml



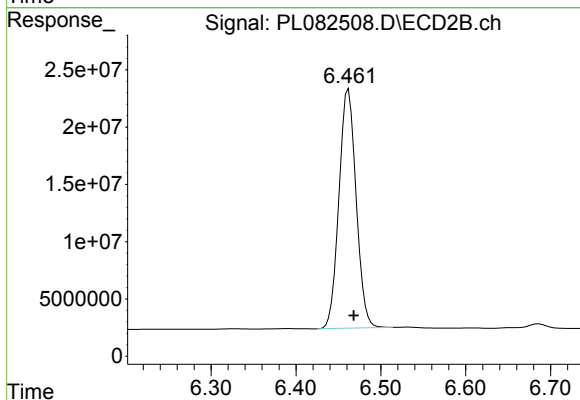
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 287383840
Conc: 235.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

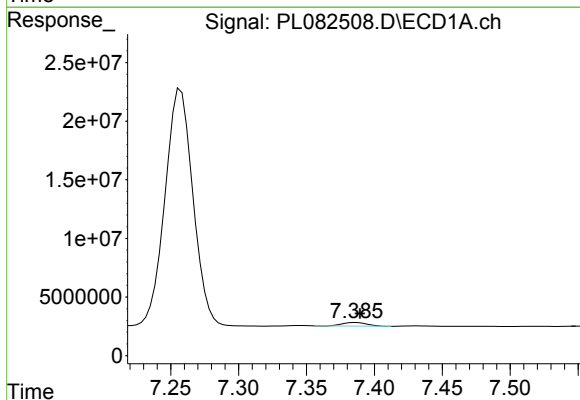
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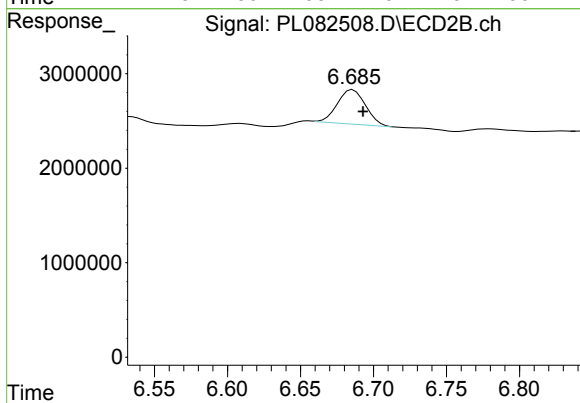
#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.008 min
Response: 293173645
Conc: 241.93 ng/ml m



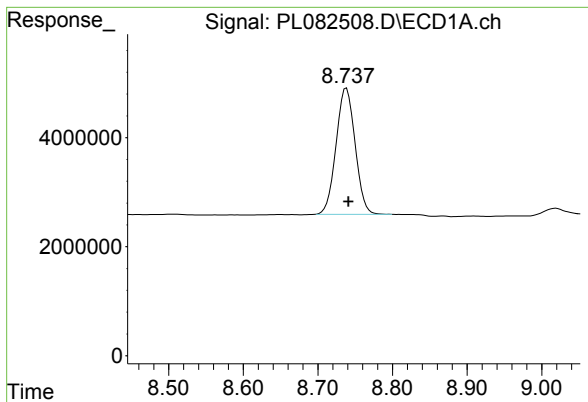
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 3846784
Conc: 1.61 ng/ml



#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 4886661
Conc: 1.93 ng/ml m



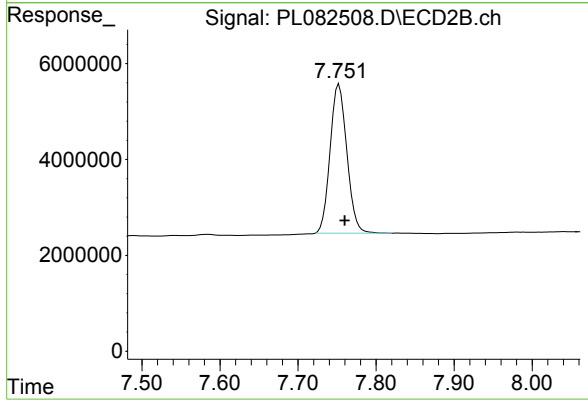
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 41065362
Conc: 21.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 46377960
Conc: 20.32 ng/ml