

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
 Data File : PL085004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 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 08/29/2023
 Supervised By : Ankita Jodhani 08/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 22:03:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.685	47283225	21574892	20.350	19.841
28)	SA Decachlor...	9.029	7.865	32019827	23394809	19.679	18.764
Target Compounds							
2)	A alpha-BHC	3.935	3.189	32620601	14377392	9.881	9.311
3)	MA gamma-BHC...	4.269	3.520	31879606	13623645	9.994	8.966
6)	B beta-BHC	4.469	3.822	16158267	6953223	11.567	10.378
12)	B 4,4'-DDE	6.151	5.164	609954	201170	0.266	0.163 #
14)	MA Endrin	6.527	5.560	94660026	56282738	43.402	46.012
16)	A 4,4'-DDD	6.670	5.720	2543488	1456619	1.517	1.410
17)	MA 4,4'-DDT	6.986	5.972	177.1E6	113.9E6	94.505	98.163
18)	B Endrin al...	6.879	6.040	2452241	1644431	1.454	1.658
20)	A Methoxychlor	7.467	6.557	214.2E6	140.5E6	223.171	204.712
21)	B Endrin ke...	7.598	6.768	4954227	3992066	2.477m	2.767

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

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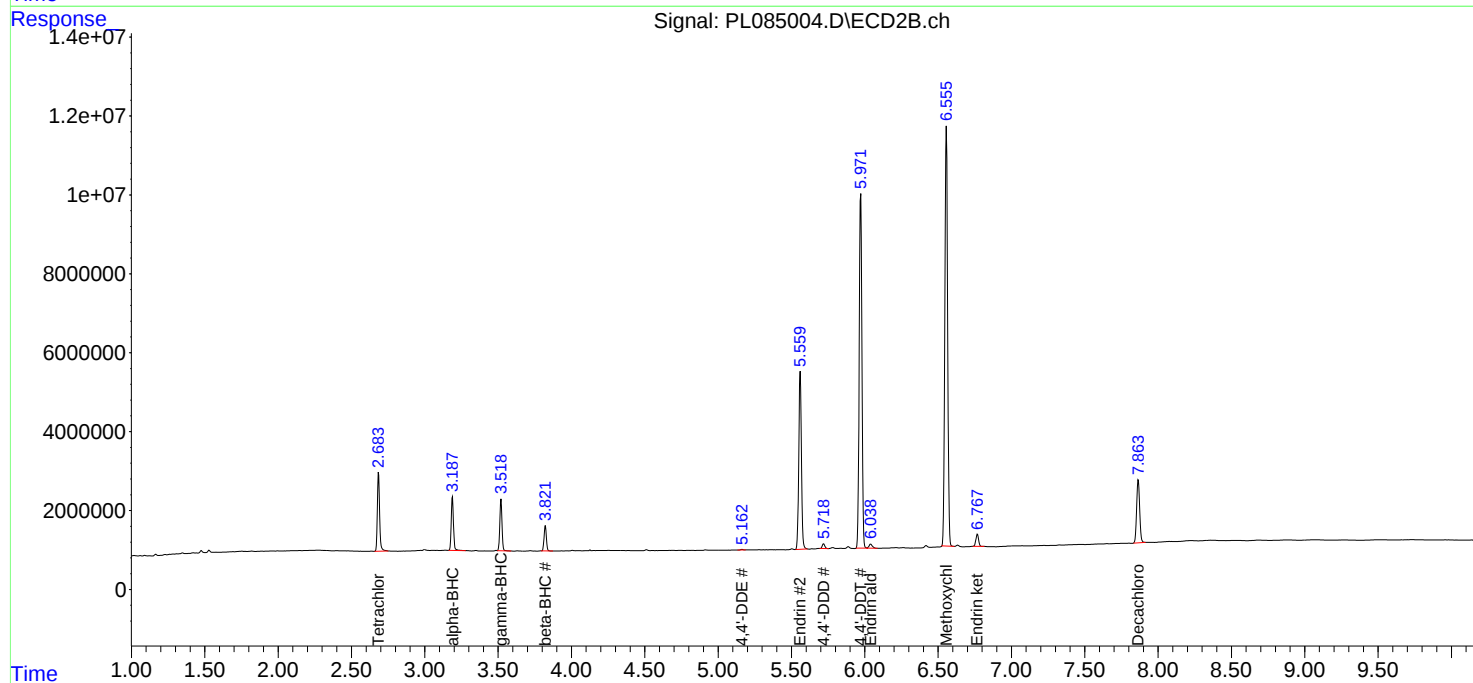
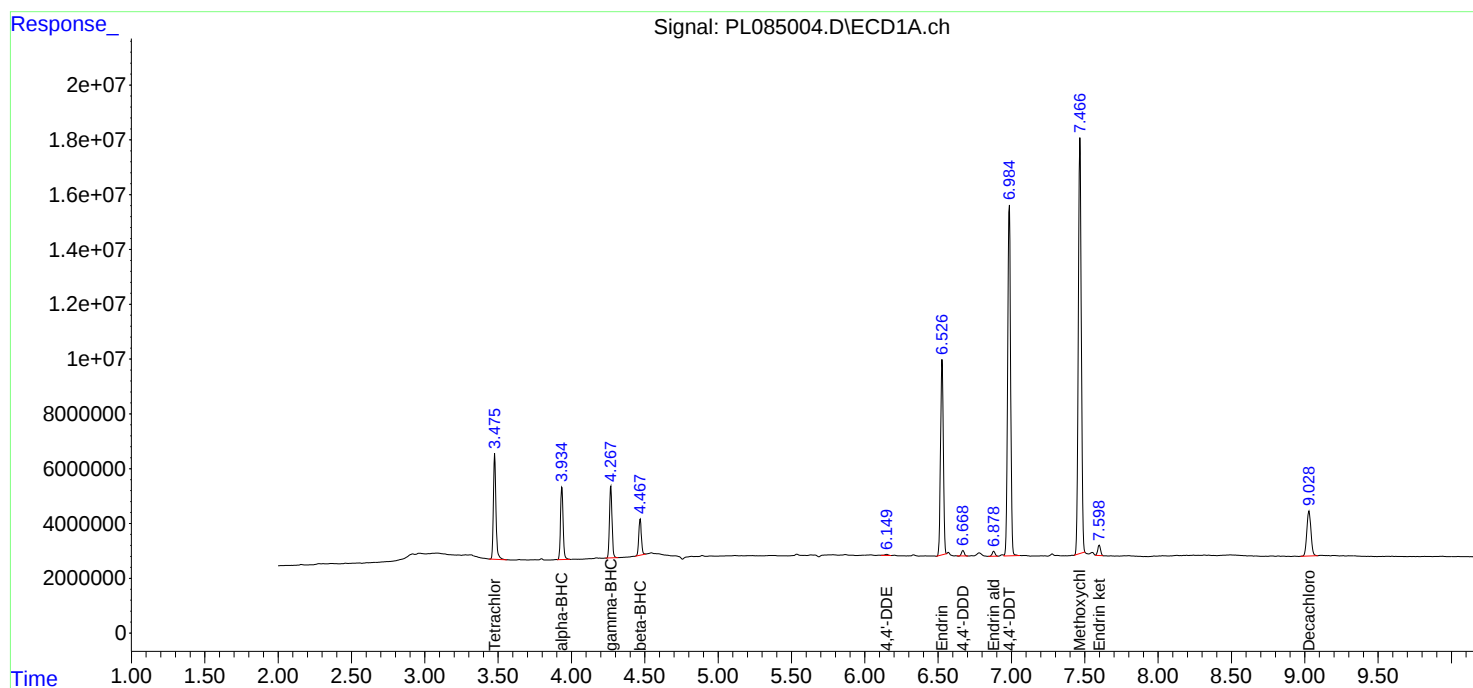
Instrument :
ECD_L
ClientSampleId :
PEM

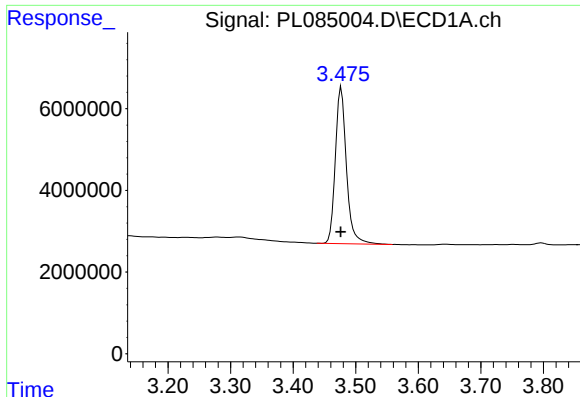
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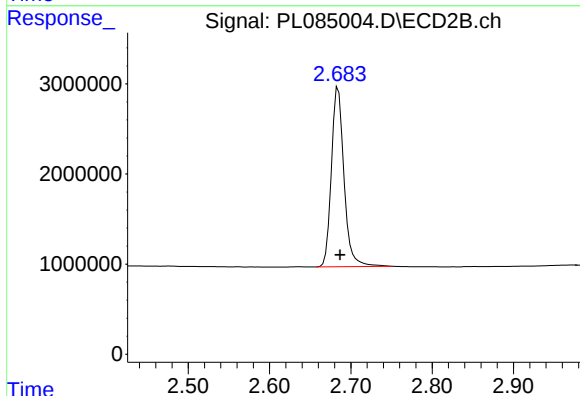
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 47283225
Conc: 20.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

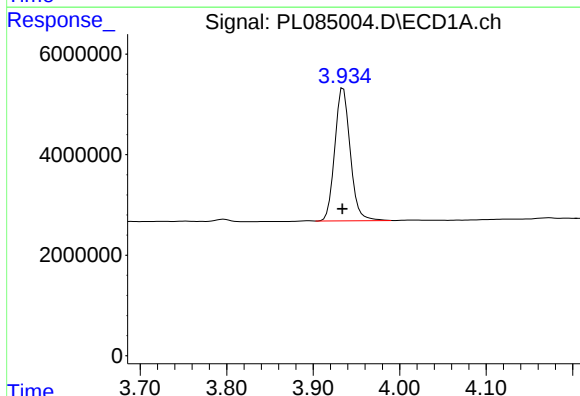
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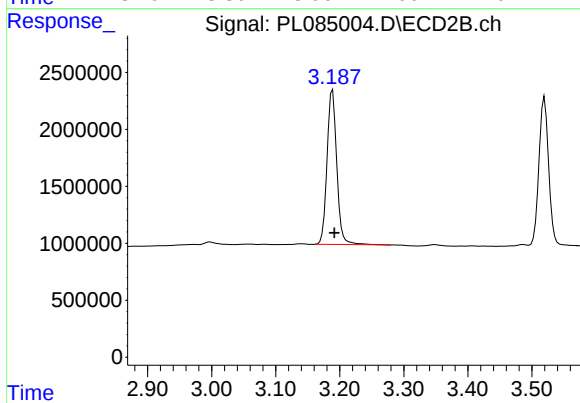
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 21574892
Conc: 19.84 ng/ml



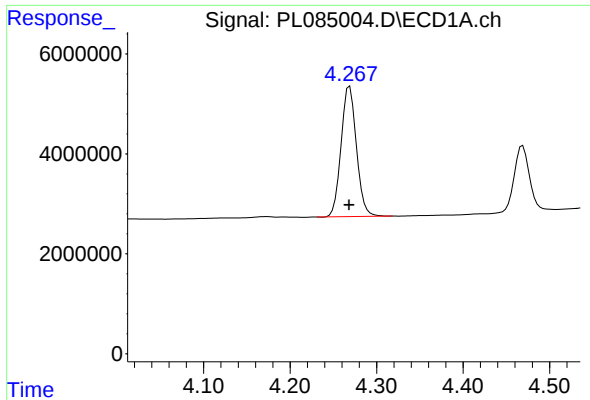
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 32620601
Conc: 9.88 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 14377392
Conc: 9.31 ng/ml



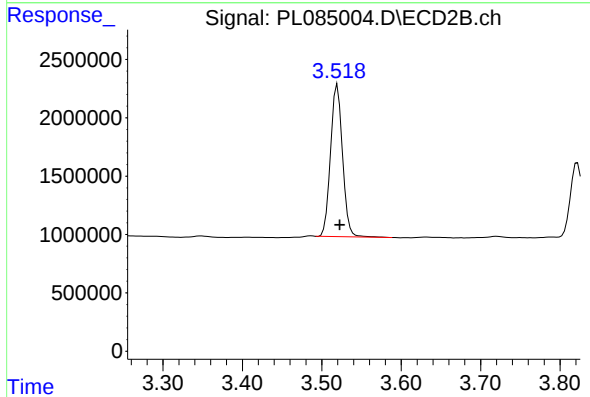
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 31879606
Conc: 9.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

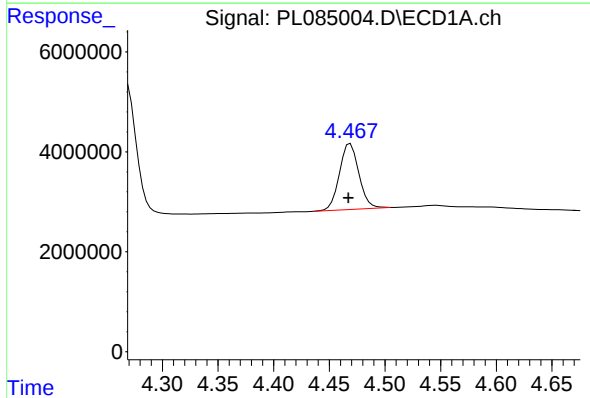
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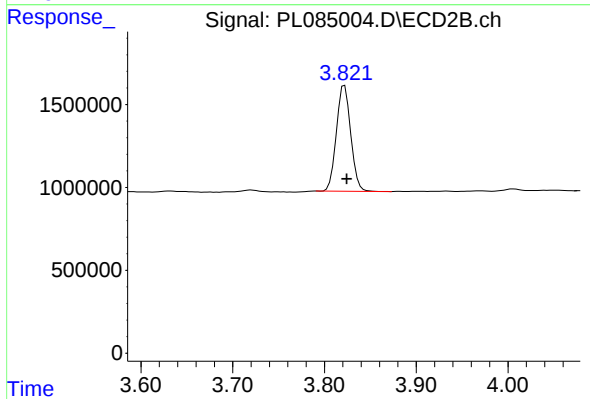
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.003 min
Response: 13623645
Conc: 8.97 ng/ml



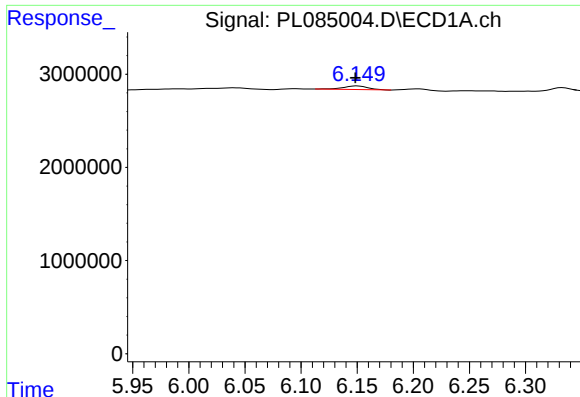
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 16158267
Conc: 11.57 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: -0.002 min
Response: 6953223
Conc: 10.38 ng/ml



#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 609954
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

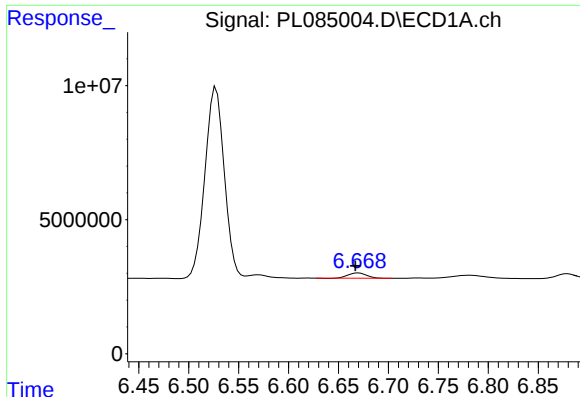
R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 201170
Conc: 0.16 ng/ml

#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 94660026
Conc: 43.40 ng/ml

#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 56282738
Conc: 46.01 ng/ml



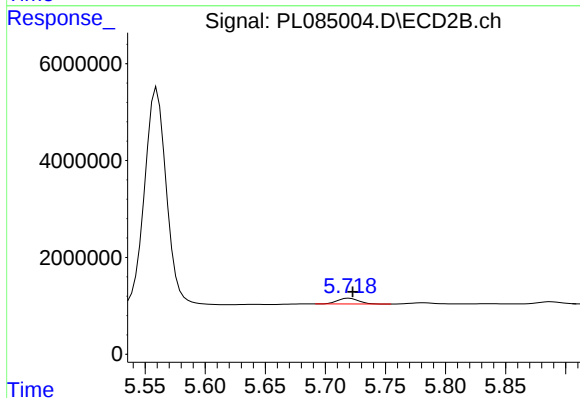
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 2543488
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

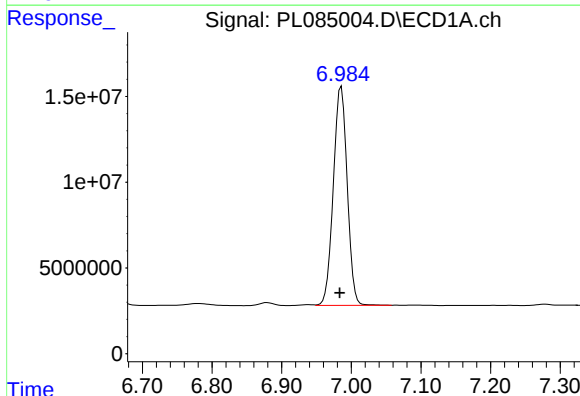
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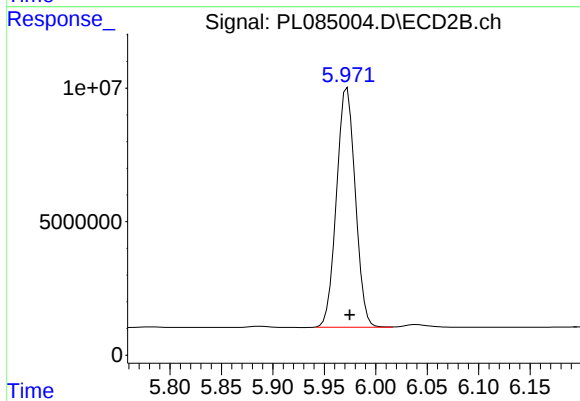
#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 1456619
Conc: 1.41 ng/ml



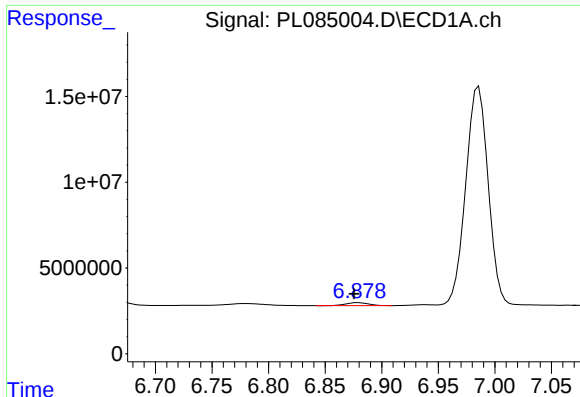
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 177075202
Conc: 94.51 ng/ml



#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 113923849
Conc: 98.16 ng/ml



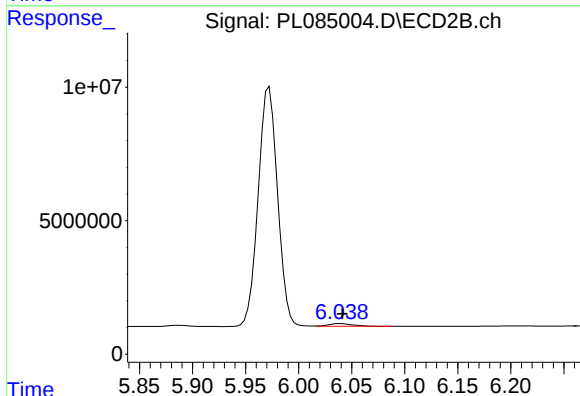
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.004 min
Response: 2452241
Conc: 1.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

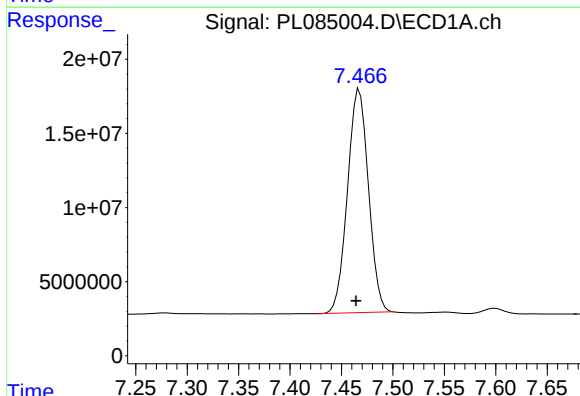
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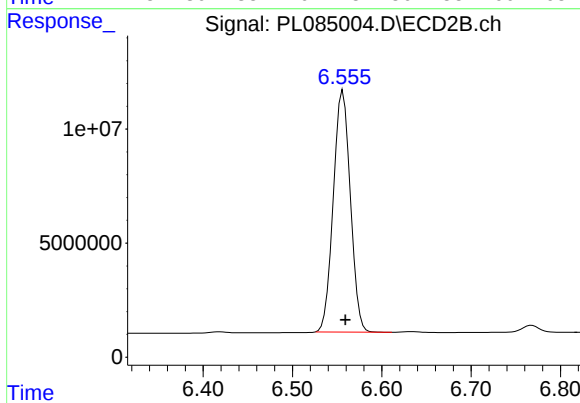
#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 1644431
Conc: 1.66 ng/ml



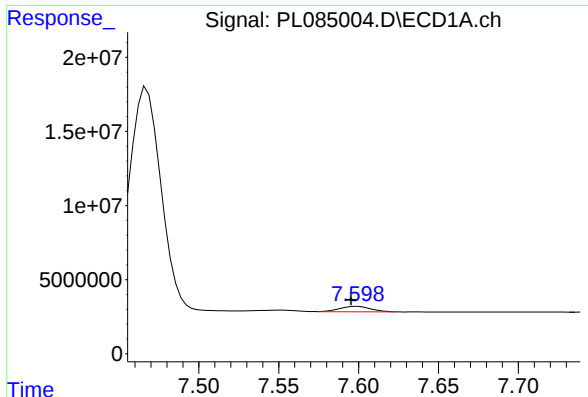
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 214174366
Conc: 223.17 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 140452682
Conc: 204.71 ng/ml



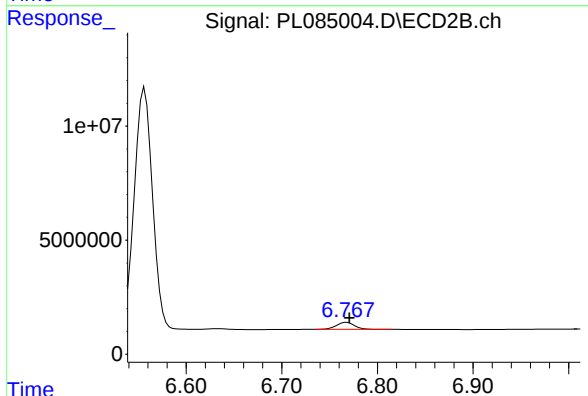
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 4954227
Conc: 2.48 ng/ml

Instrument :
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ClientSampleId :
PEM

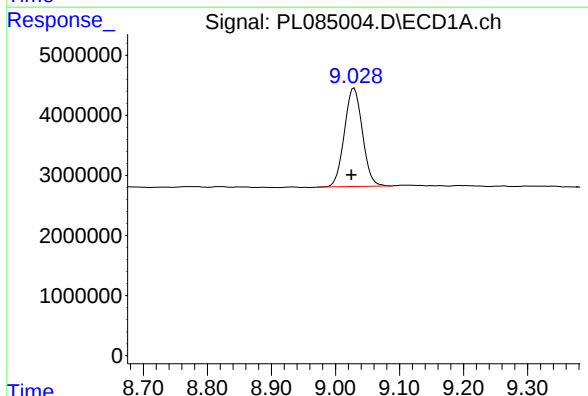
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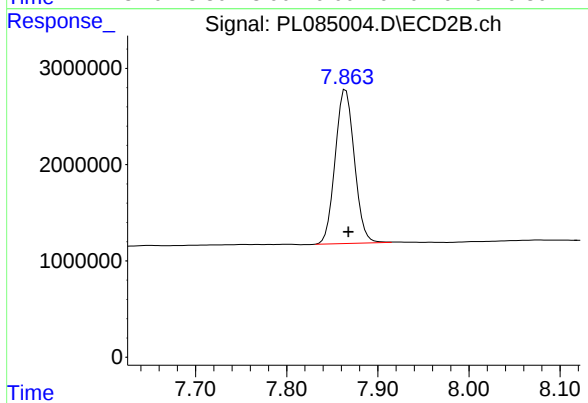
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 3992066
Conc: 2.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 32019827
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.003 min
Response: 23394809
Conc: 18.76 ng/ml