

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090722\
 Data File : PL077578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2022 23:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 04:50:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 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...	3.416	2.628	39115566	58547093	22.878	22.125
28)	SA Decachlor...	8.905	7.726	30269733	42133409	20.181	21.365
Target Compounds							
2)	A alpha-BHC	3.881	3.120	27426152	44841373	10.686	11.197
3)	MA gamma-BHC...	4.216	3.444	26259742	39579980	10.974	12.661
6)	B beta-BHC	4.429	3.743	11980153	17554549	11.677	12.266
14)	MA Endrin	6.460	5.450	78495576	127.8E6	51.845	61.999
16)	A 4,4'-DDD	6.600	5.606	1423906	3214964	1.078m	1.561m#
17)	MA 4,4'-DDT	6.912	5.855	153.2E6	240.6E6	96.613	112.732
18)	B Endrin al...	6.819	5.926	1619304	3683592	1.388	2.118 #
20)	A Methoxychlor	7.394	6.433	196.7E6	285.7E6	247.961	243.155
21)	B Endrin ke...	7.540	6.646	3123076	6766563	2.023	2.790 #

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

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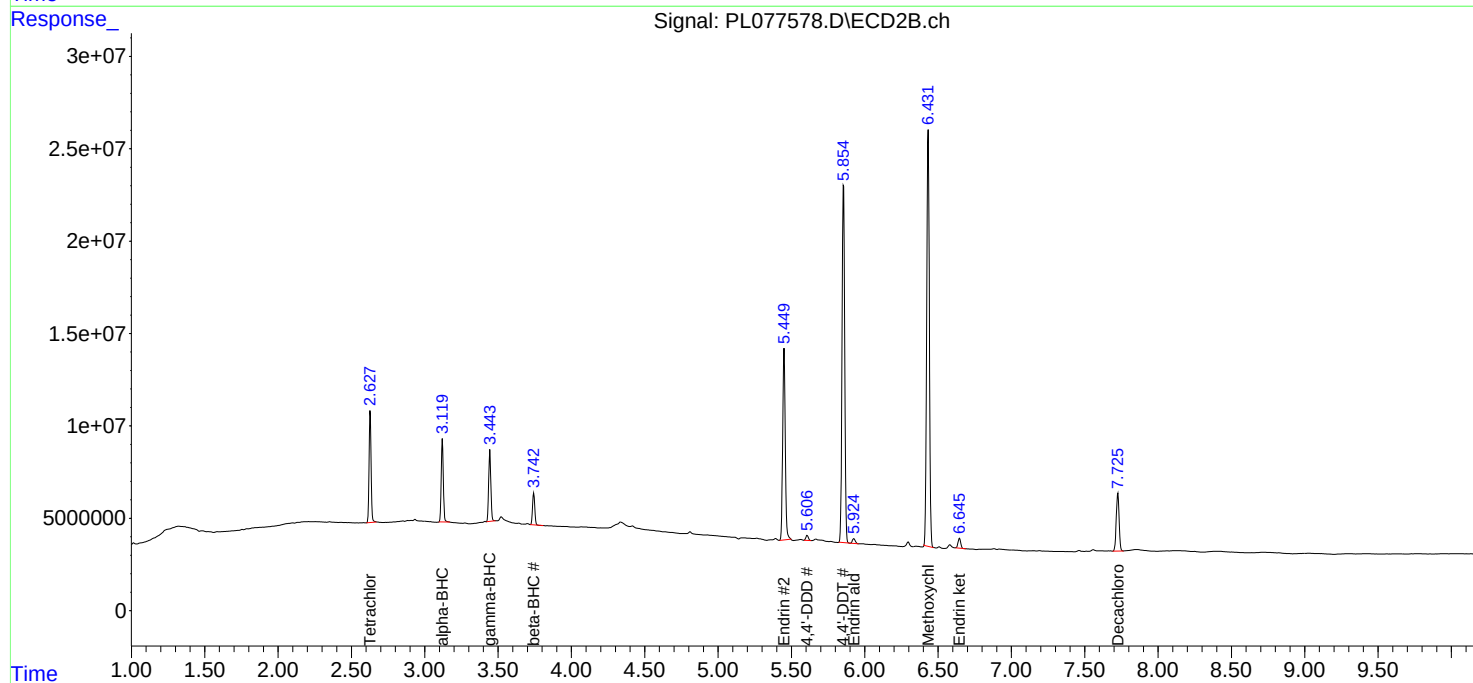
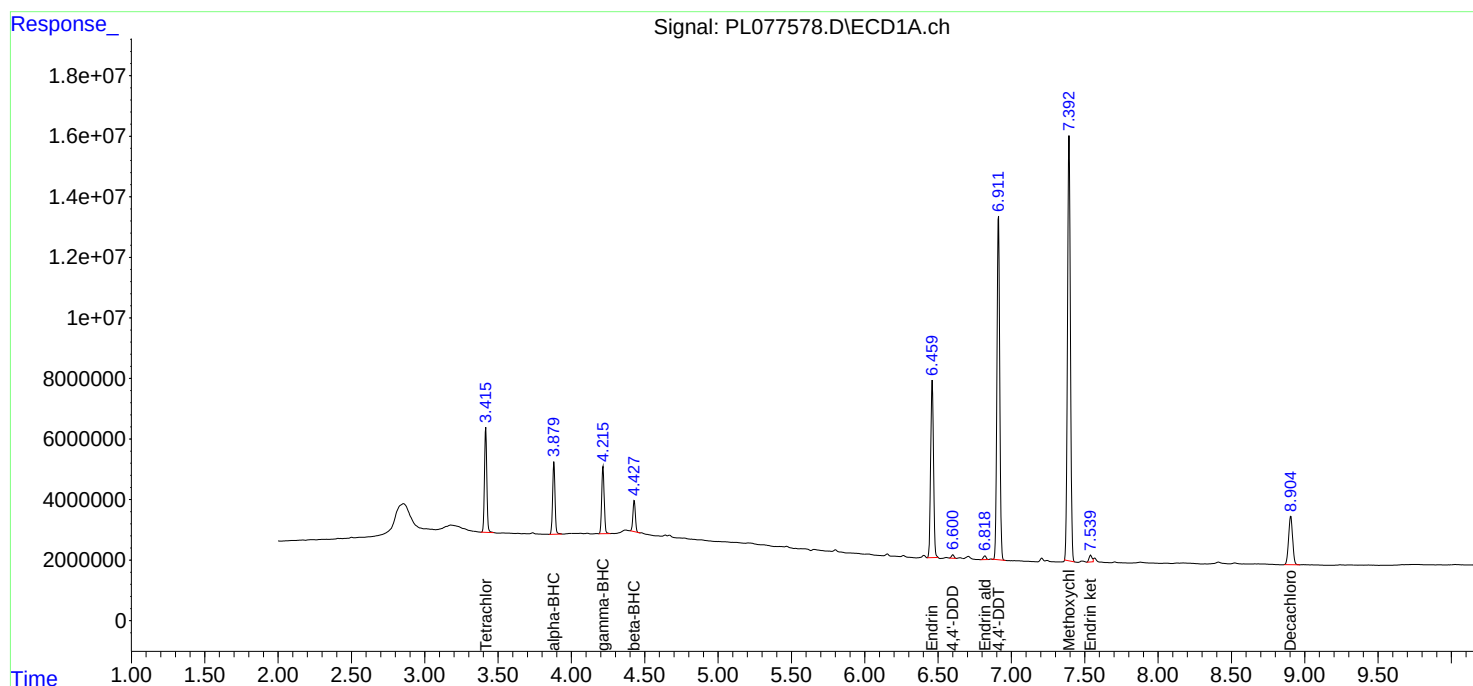
Instrument :
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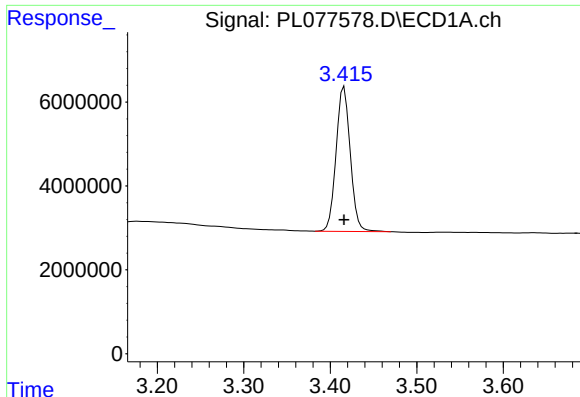
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Integration File signal 1: autoint1.e
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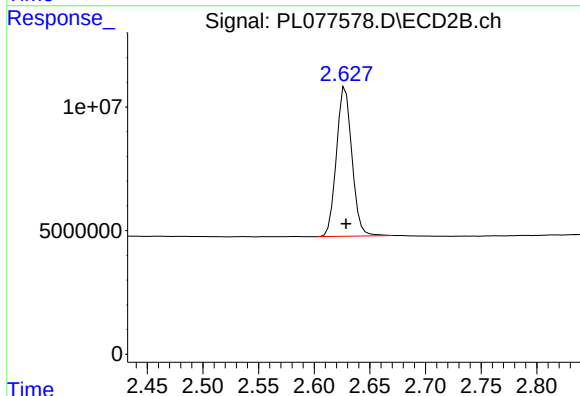
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 39115566
Conc: 22.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

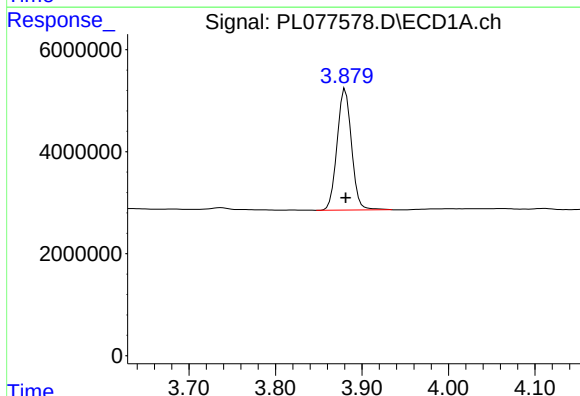
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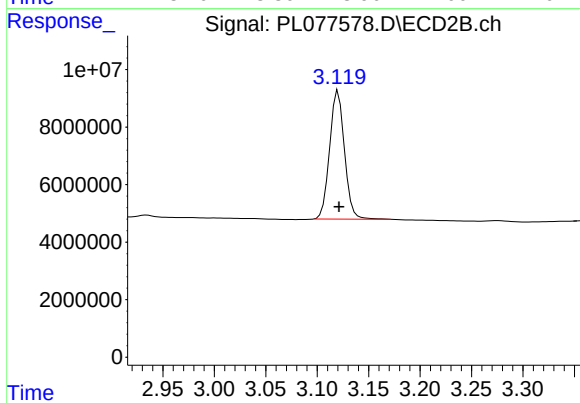
#1 Tetrachloro-m-xylene

R.T.: 2.628 min
Delta R.T.: 0.000 min
Response: 58547093
Conc: 22.13 ng/ml



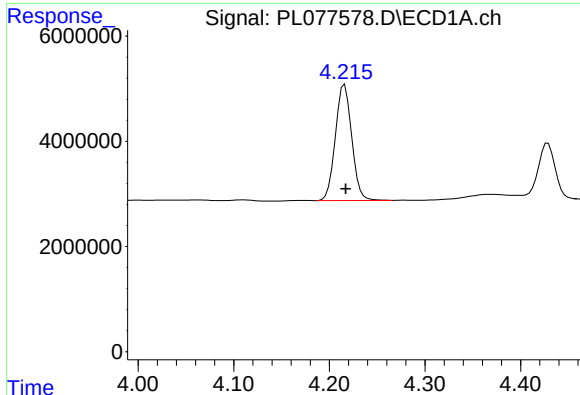
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 27426152
Conc: 10.69 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: 0.000 min
Response: 44841373
Conc: 11.20 ng/ml



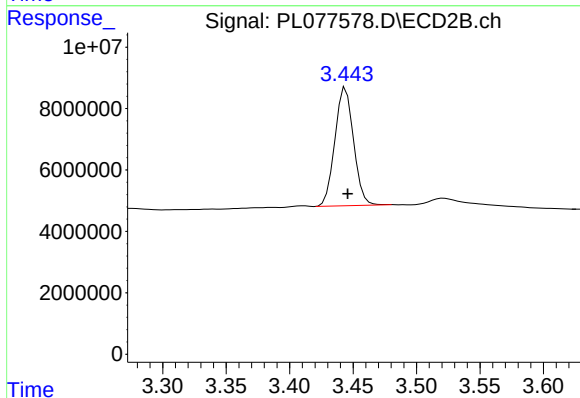
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 26259742
Conc: 10.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

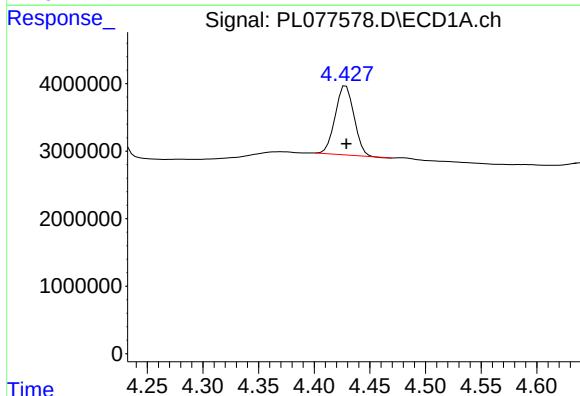
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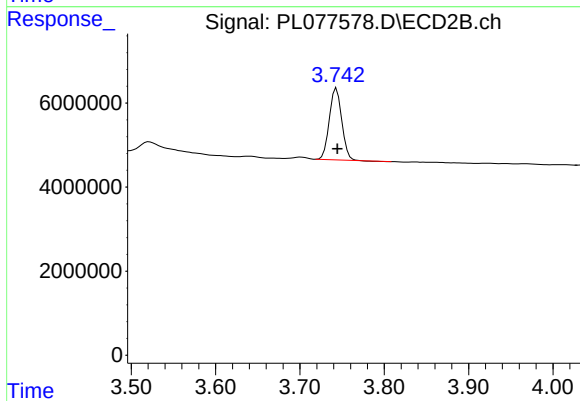
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: -0.002 min
Response: 39579980
Conc: 12.66 ng/ml



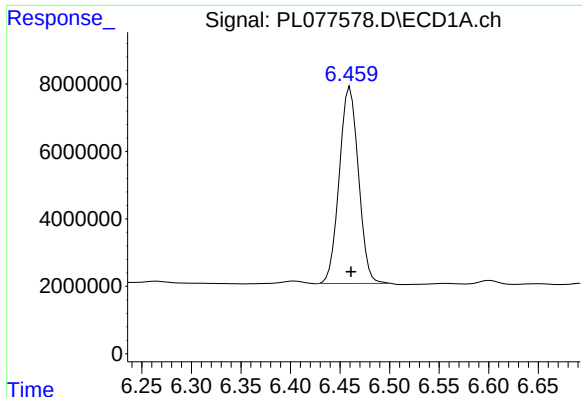
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 11980153
Conc: 11.68 ng/ml



#6 beta-BHC

R.T.: 3.743 min
Delta R.T.: -0.001 min
Response: 17554549
Conc: 12.27 ng/ml



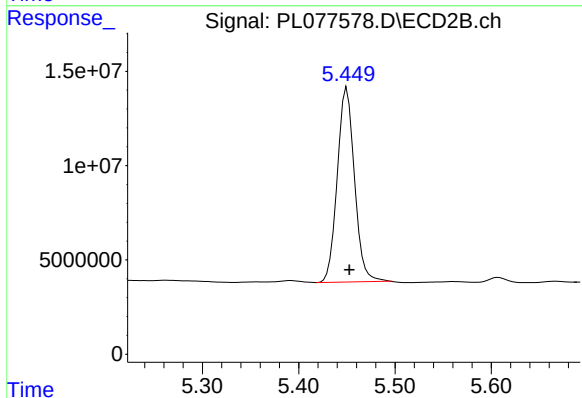
#14 Endrin

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 78495576
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

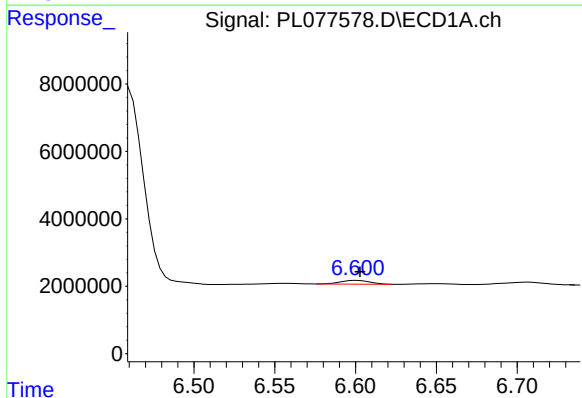
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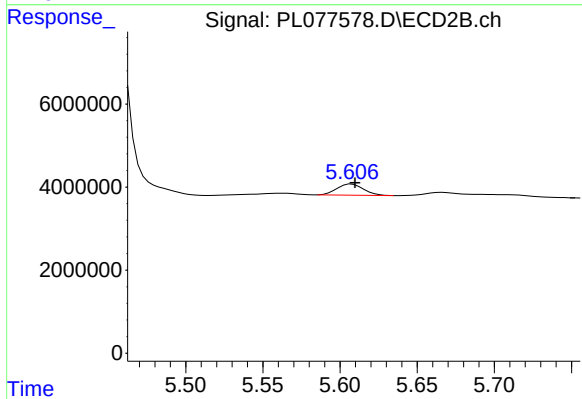
#14 Endrin

R.T.: 5.450 min
Delta R.T.: -0.002 min
Response: 127803842
Conc: 62.00 ng/ml



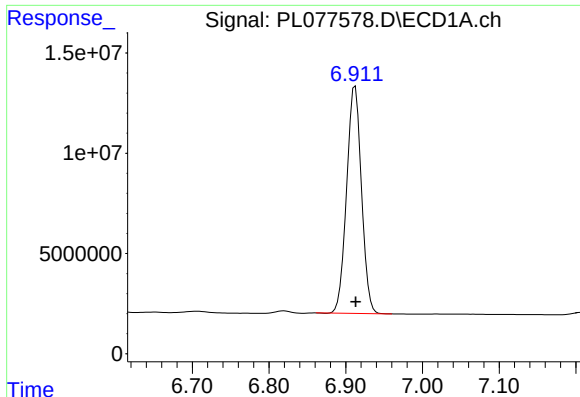
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 1423906
Conc: 1.08 ng/ml m



#16 4,4'-DDD

R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 3214964
Conc: 1.56 ng/ml m



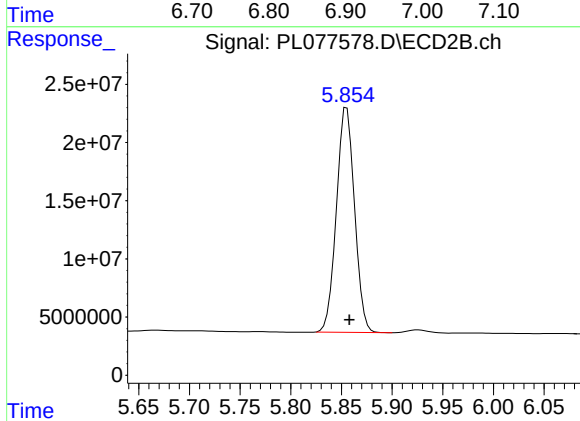
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 153168389
Conc: 96.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

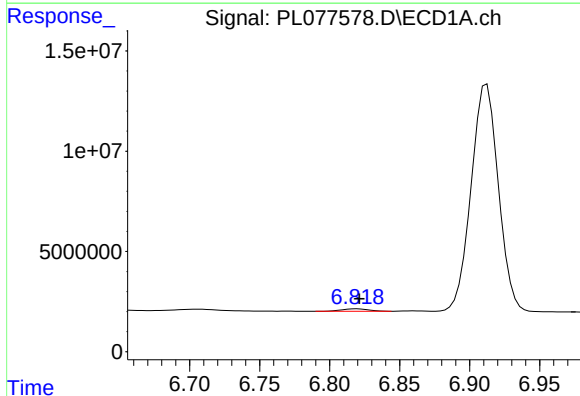
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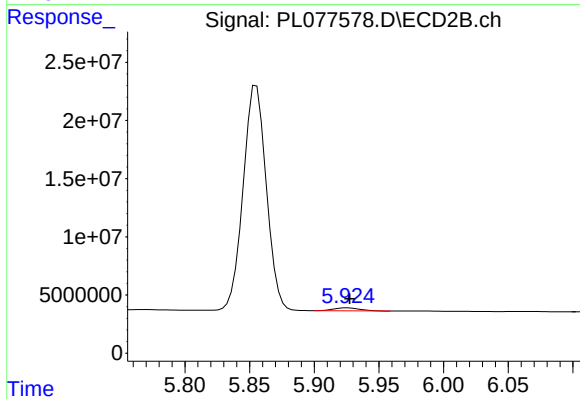
#17 4,4'-DDT

R.T.: 5.855 min
Delta R.T.: -0.003 min
Response: 240646740
Conc: 112.73 ng/ml



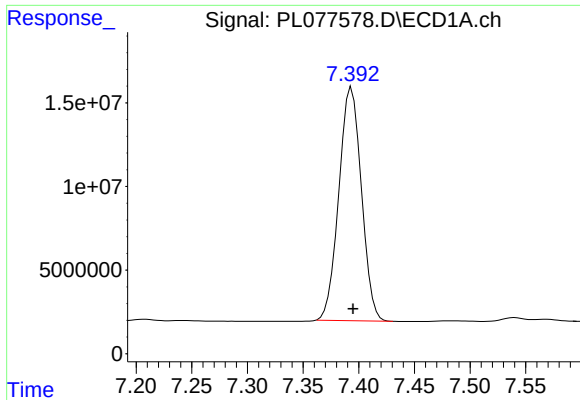
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: -0.002 min
Response: 1619304
Conc: 1.39 ng/ml



#18 Endrin aldehyde

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 3683592
Conc: 2.12 ng/ml



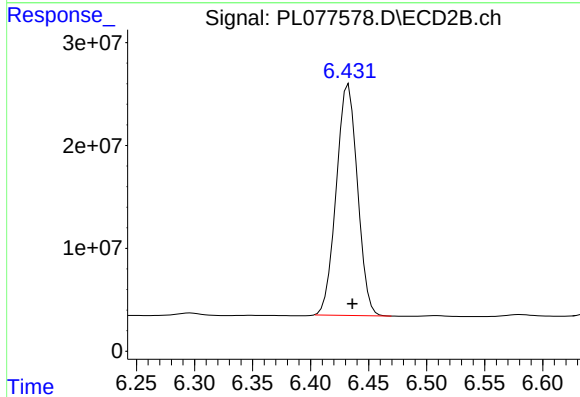
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 196686649
Conc: 247.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

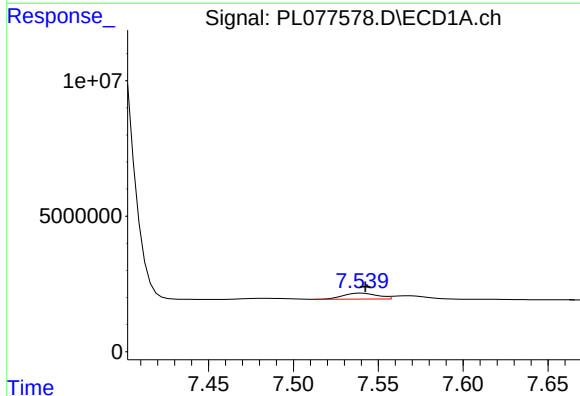
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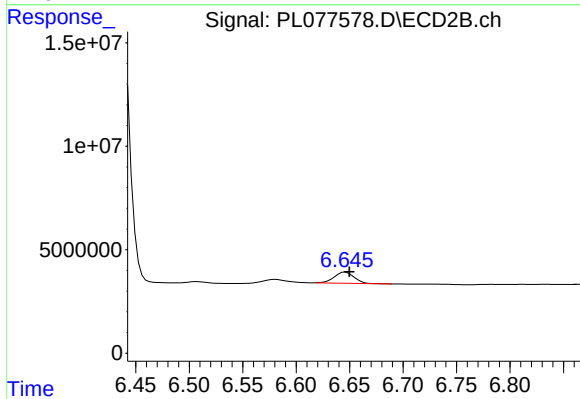
#20 Methoxychlor

R.T.: 6.433 min
Delta R.T.: -0.003 min
Response: 285726126
Conc: 243.15 ng/ml



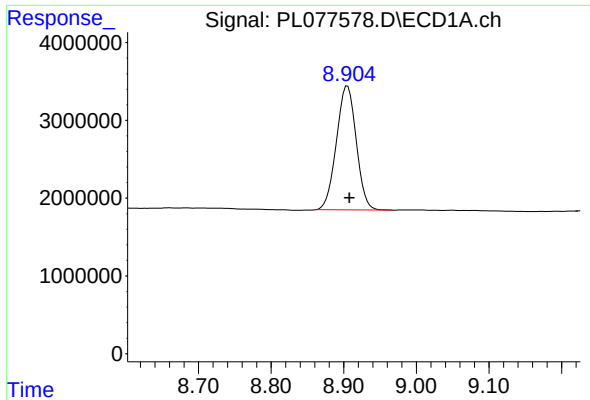
#21 Endrin ketone

R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3123076
Conc: 2.02 ng/ml



#21 Endrin ketone

R.T.: 6.646 min
Delta R.T.: -0.004 min
Response: 6766563
Conc: 2.79 ng/ml



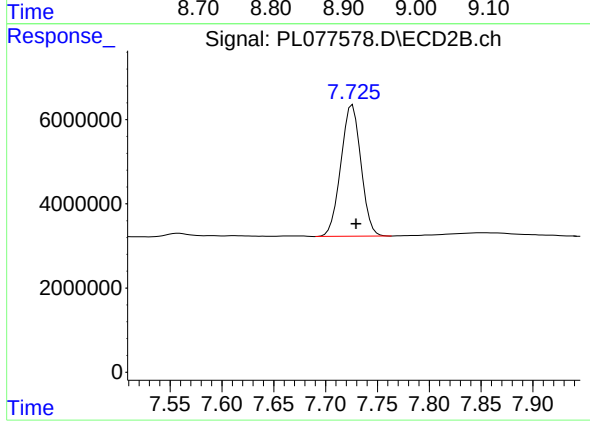
#28 Decachlorobiphenyl

R.T.: 8.905 min
Delta R.T.: -0.003 min
Response: 30269733
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.726 min
Delta R.T.: -0.004 min
Response: 42133409
Conc: 21.37 ng/ml