

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052419\  
 Data File : PL048967.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 May 2019 02:11  
 Operator : SM\AJ  
 Sample : PB119996BS  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

**Instrument :**  
 ECD\_L  
**ClientSampled :**  
 PB119996BS

**Manual Integrations**  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 25 04:49:11 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 2019  
 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...	3.326	3.937	210.5E6	57148365	21.731	22.943
2)	SA Decachlor...	7.992	8.972	220.9E6	62698800	21.968	23.622
Target Compounds							
2)	A alpha-BHC	3.754	4.325	913.6E6	212.4E6	59.064	60.480
3)	MA gamma-BHC...	4.030	4.609	864.9E6	197.7E6	60.867	60.524
4)	MA Heptachlor	4.314	5.112	905.4E6	204.4E6	61.539	59.043
5)	MB Aldrin	4.553	5.415	863.1E6	189.5E6	62.994	61.209
6)	B beta-BHC	4.283	4.783	356.1E6	88296435	60.345	56.745
7)	B delta-BHC	4.477	4.998	802.0E6	160.2E6	56.806	56.640
8)	B Heptachlo...	4.989	5.801	772.9E6	170.2E6	59.987	58.356
9)	A Endosulfan I	5.320	6.156	714.3E6	163.5E6	59.373	57.809
10)	B gamma-Chl...	5.212	6.035	809.1E6	176.4E6	60.599	57.288
11)	B alpha-Chl...	5.268	6.107	778.7E6	176.7E6	59.560	57.587
12)	B 4,4'-DDE	5.436	6.267	764.4E6	167.2E6	60.259	60.548
13)	MA Dieldrin	5.559	6.413	779.6E6	172.1E6	59.874	58.659
14)	MA Endrin	5.811	6.630	694.1E6	143.8E6	57.014	55.131
15)	B Endosulfa...	6.087	6.841	657.4E6	150.0E6	56.966	55.608
16)	A 4,4'-DDD	5.947	6.757	599.9E6	135.4E6	61.628	60.321
17)	MA 4,4'-DDT	6.181	7.054	581.6E6	131.4E6	57.893	56.009
18)	B Endrin al...	6.253	6.965	545.6E6	128.8E6	56.147	54.976
19)	B Endosulfa...	6.465	7.188	610.8E6	143.5E6	56.910	55.452
20)	A Methoxychlor	6.726	7.514	293.1E6	73770301	53.828	54.037
21)	B Endrin ke...	6.947	7.656	688.1E6	156.3E6	59.042	59.827
22)	Mirex	7.120	8.106	492.5E6	121.4E6	54.944m	57.579
-----							

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

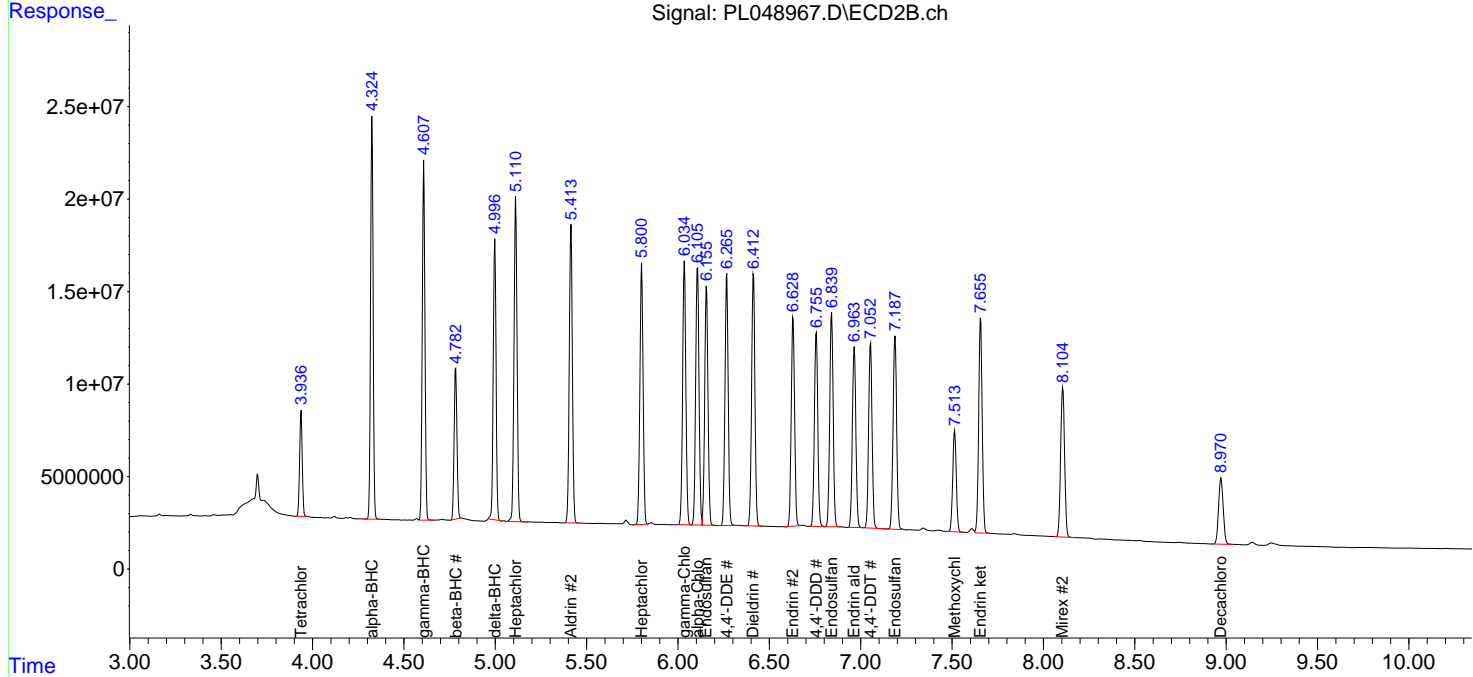
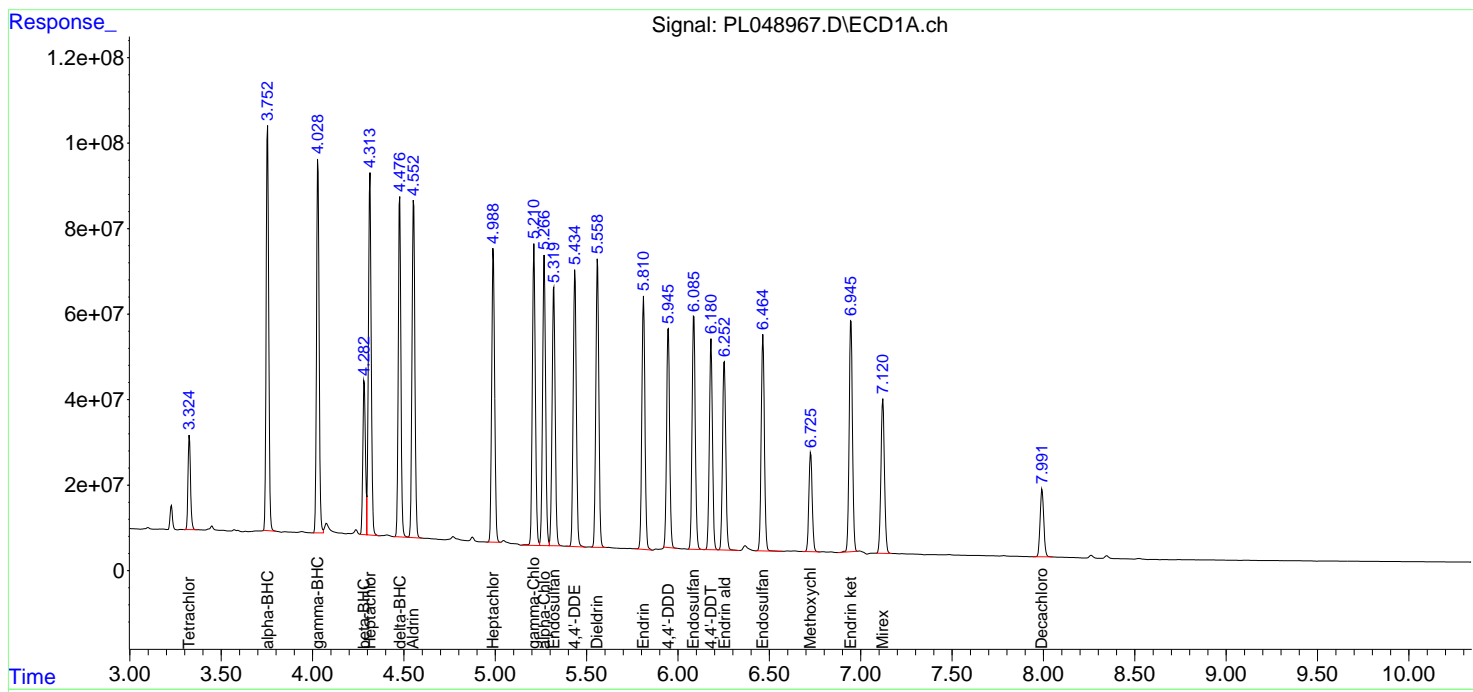
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052419\  
 Data File : PL048967.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 May 2019 02:11  
 Operator : SM\AJ  
 Sample : PB119996BS  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

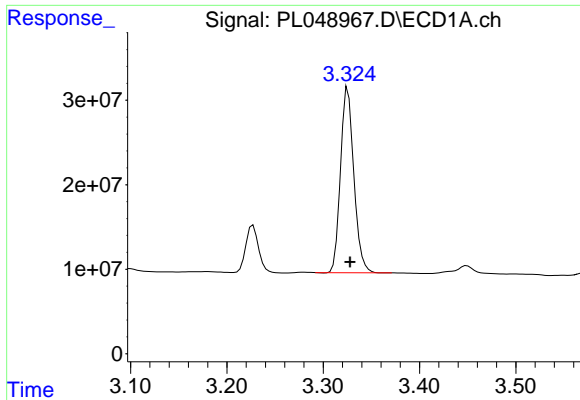
Instrument :  
 ECD\_L  
 ClientSampled :  
 PB119996BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 25 04:49:11 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 2019  
 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

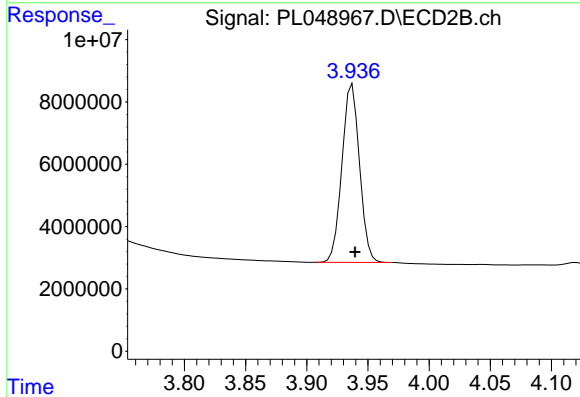




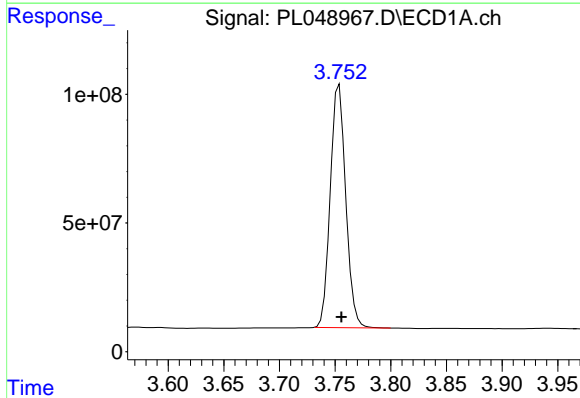
#1 Tetrachloro-m-xylene  
 R.T.: 3.326 min  
 Delta R.T.: -0.002 min  
 Response: 210503057  
 Conc: 21.73 ng/ml

Instrument :  
 ECD\_L  
 ClientSampled :  
 PB119996BS

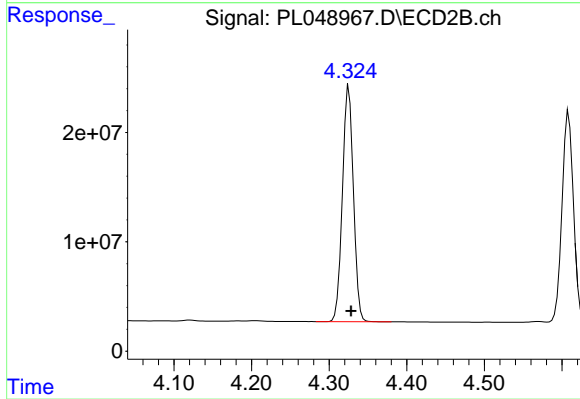
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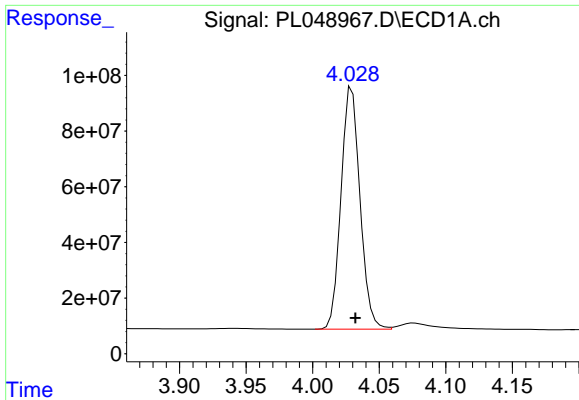
#1 Tetrachloro-m-xylene  
 R.T.: 3.937 min  
 Delta R.T.: -0.002 min  
 Response: 57148365  
 Conc: 22.94 ng/ml



#2 alpha-BHC  
 R.T.: 3.754 min  
 Delta R.T.: -0.002 min  
 Response: 913571490  
 Conc: 59.06 ng/ml



#2 alpha-BHC  
 R.T.: 4.325 min  
 Delta R.T.: -0.003 min  
 Response: 212404379  
 Conc: 60.48 ng/ml



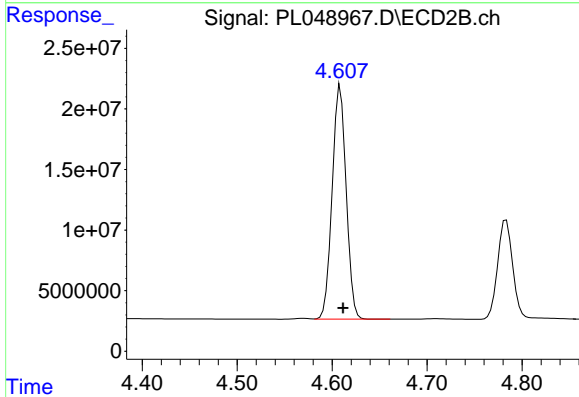
#3 gamma-BHC (Lindane)

R.T.: 4.030 min  
 Delta R.T.: -0.002 min  
 Response: 864870707  
 Conc: 60.87 ng/ml

Instrument :  
 ECD\_L  
 ClientSampled :  
 PB119996BS

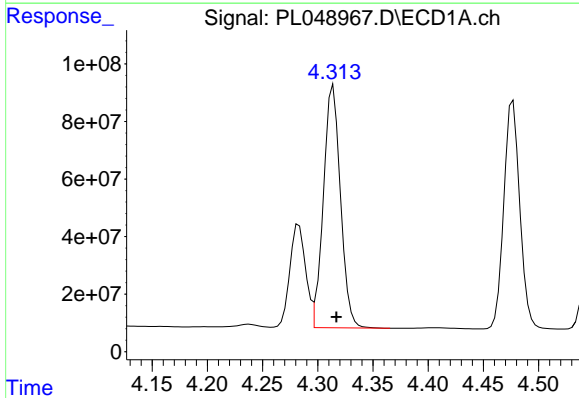
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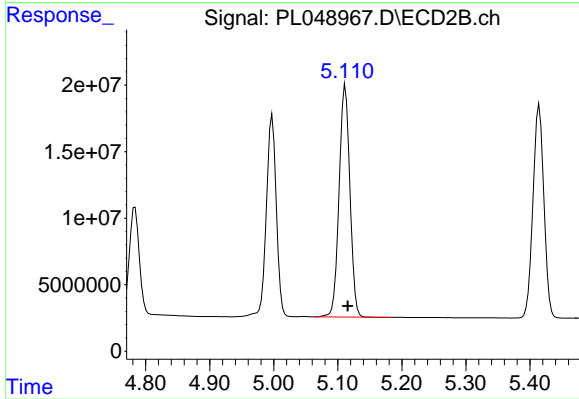
#3 gamma-BHC (Lindane)

R.T.: 4.609 min  
 Delta R.T.: -0.003 min  
 Response: 197682347  
 Conc: 60.52 ng/ml



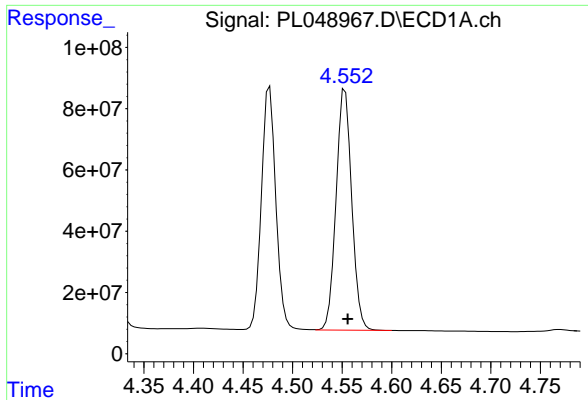
#4 Heptachlor

R.T.: 4.314 min  
 Delta R.T.: -0.003 min  
 Response: 905364127  
 Conc: 61.54 ng/ml



#4 Heptachlor

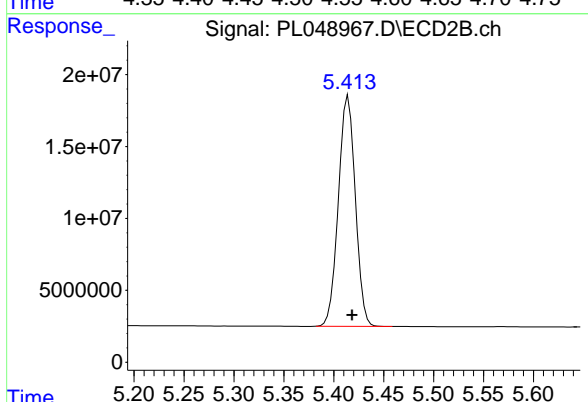
R.T.: 5.112 min  
 Delta R.T.: -0.004 min  
 Response: 204397216  
 Conc: 59.04 ng/ml



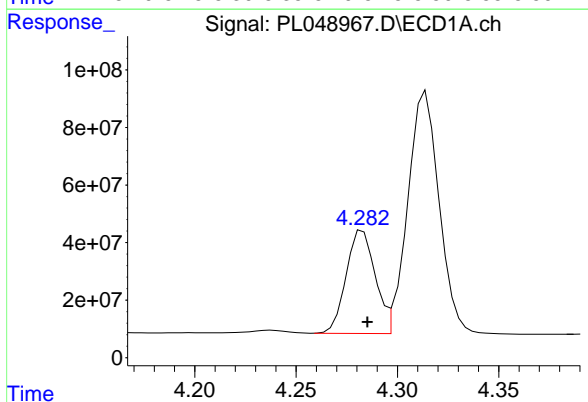
#5 Aldrin  
 R.T.: 4.553 min  
 Delta R.T.: -0.003 min  
 Response: 863110277  
 Conc: 62.99 ng/ml

**Instrument :**  
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**ClientSampled :**  
 PB119996BS

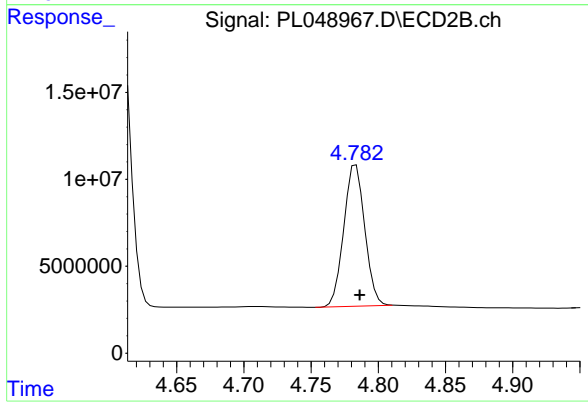
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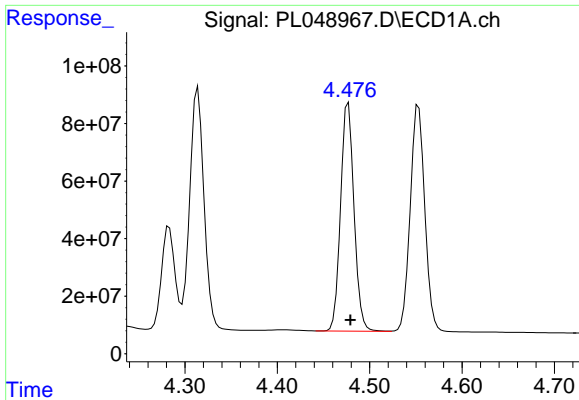
#5 Aldrin  
 R.T.: 5.415 min  
 Delta R.T.: -0.004 min  
 Response: 189540195  
 Conc: 61.21 ng/ml



#6 beta-BHC  
 R.T.: 4.283 min  
 Delta R.T.: -0.002 min  
 Response: 356128369  
 Conc: 60.34 ng/ml



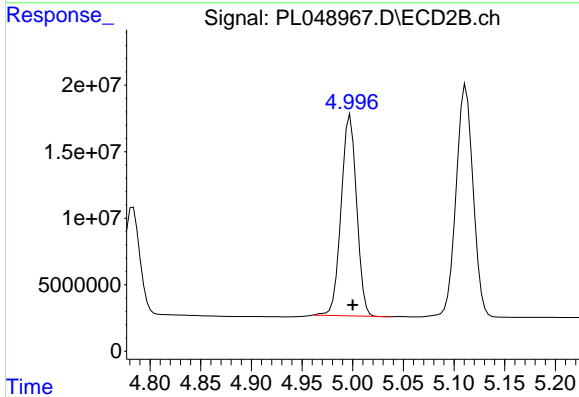
#6 beta-BHC  
 R.T.: 4.783 min  
 Delta R.T.: -0.003 min  
 Response: 88296435  
 Conc: 56.75 ng/ml



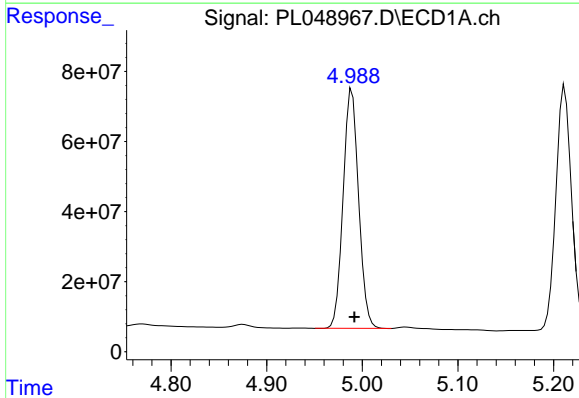
#7 delta-BHC  
 R.T.: 4.477 min  
 Delta R.T.: -0.002 min  
 Response: 802028371  
 Conc: 56.81 ng/ml

**Instrument :**  
 ECD\_L  
**ClientSampled :**  
 PB119996BS

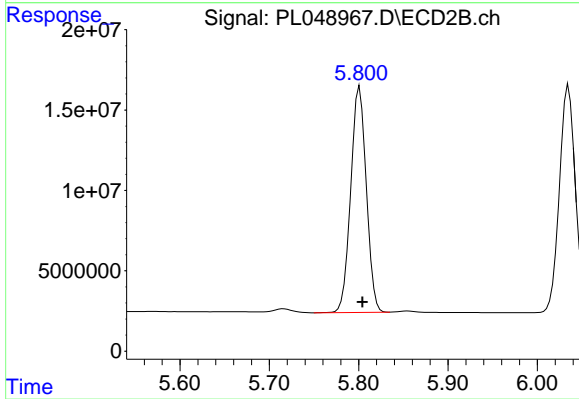
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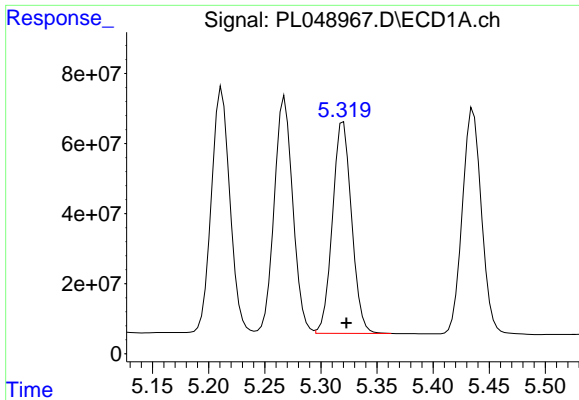
#7 delta-BHC  
 R.T.: 4.998 min  
 Delta R.T.: -0.002 min  
 Response: 160170745  
 Conc: 56.64 ng/ml



#8 Heptachlor epoxide  
 R.T.: 4.989 min  
 Delta R.T.: -0.003 min  
 Response: 772908196  
 Conc: 59.99 ng/ml



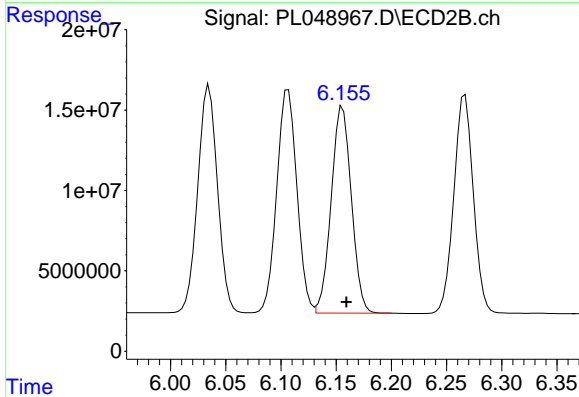
#8 Heptachlor epoxide  
 R.T.: 5.801 min  
 Delta R.T.: -0.003 min  
 Response: 170206874  
 Conc: 58.36 ng/ml



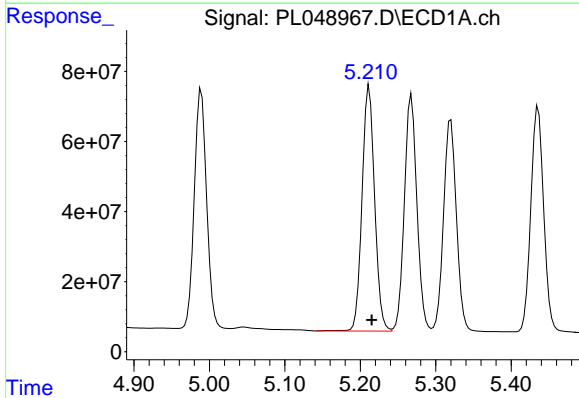
#9 Endosulfan I  
 R.T.: 5.320 min  
 Delta R.T.: -0.003 min  
 Response: 714251091  
 Conc: 59.37 ng/ml

**Instrument :**  
 ECD\_L  
**ClientSampled :**  
 PB119996BS

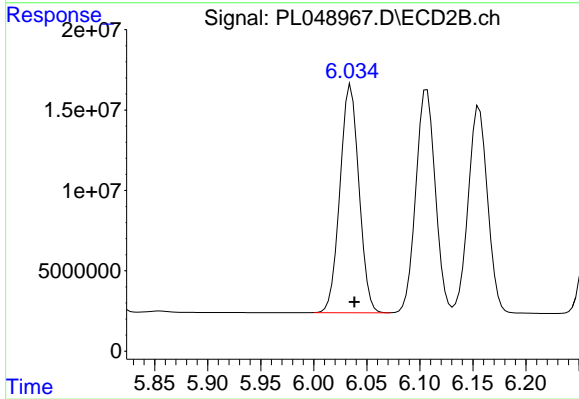
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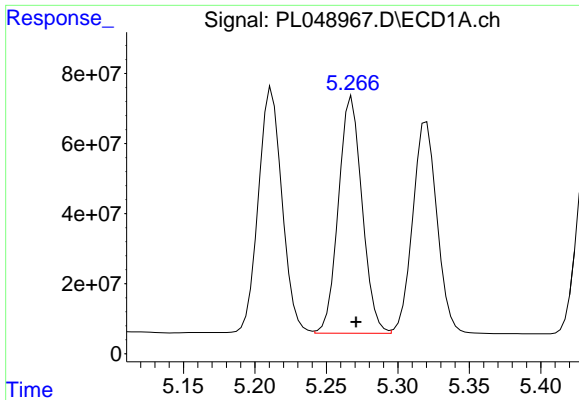
#9 Endosulfan I  
 R.T.: 6.156 min  
 Delta R.T.: -0.003 min  
 Response: 163453900  
 Conc: 57.81 ng/ml



#10 gamma-Chlordane  
 R.T.: 5.212 min  
 Delta R.T.: -0.003 min  
 Response: 809131757  
 Conc: 60.60 ng/ml



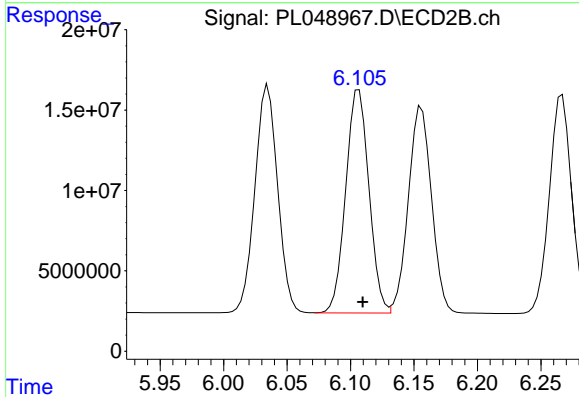
#10 gamma-Chlordane  
 R.T.: 6.035 min  
 Delta R.T.: -0.003 min  
 Response: 176368926  
 Conc: 57.29 ng/ml



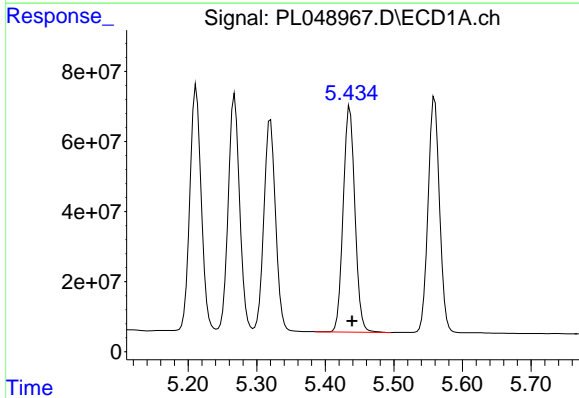
#11 alpha-Chlordane  
 R.T.: 5.268 min  
 Delta R.T.: -0.003 min  
 Response: 778663794  
 Conc: 59.56 ng/ml

Instrument :  
 ECD\_L  
 ClientSampled :  
 PB119996BS

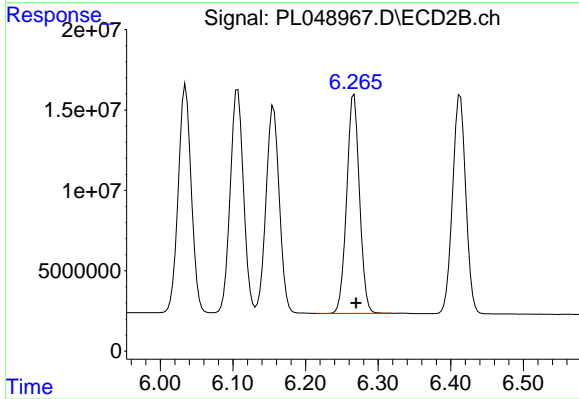
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#11 alpha-Chlordane  
 R.T.: 6.107 min  
 Delta R.T.: -0.003 min  
 Response: 176692339  
 Conc: 57.59 ng/ml

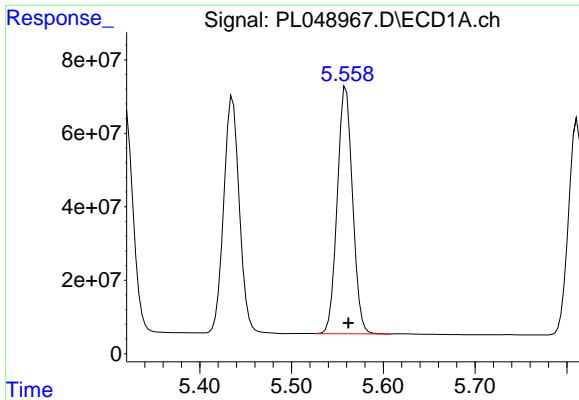


#12 4,4'-DDE  
 R.T.: 5.436 min  
 Delta R.T.: -0.003 min  
 Response: 764399954  
 Conc: 60.26 ng/ml



#12 4,4'-DDE  
 R.T.: 6.267 min  
 Delta R.T.: -0.003 min  
 Response: 167166912  
 Conc: 60.55 ng/ml

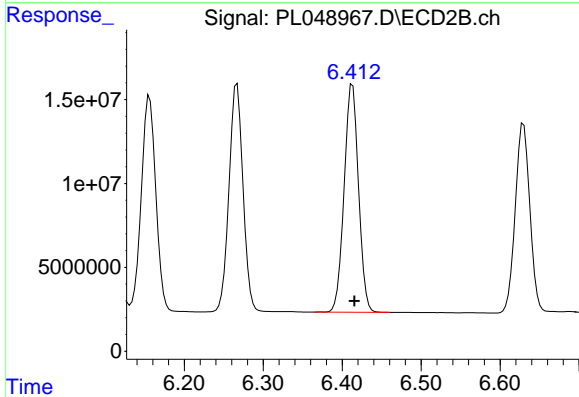




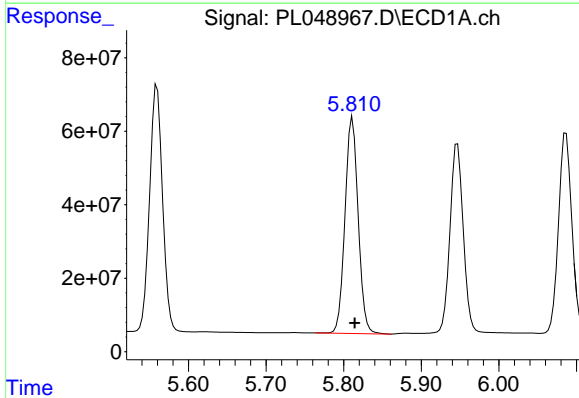
#13 Dieldrin  
 R.T.: 5.559 min  
 Delta R.T.: -0.003 min  
 Response: 779605524  
 Conc: 59.87 ng/ml

Instrument :  
 ECD\_L  
 ClientSampled :  
 PB119996BS

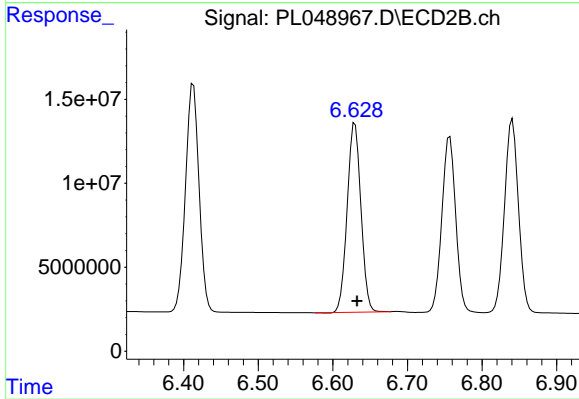
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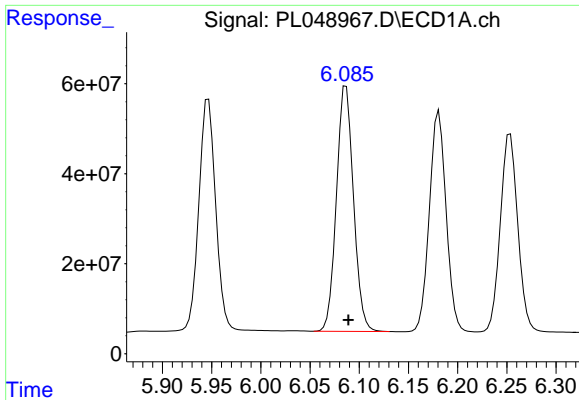
#13 Dieldrin  
 R.T.: 6.413 min  
 Delta R.T.: -0.003 min  
 Response: 172085314  
 Conc: 58.66 ng/ml



#14 Endrin  
 R.T.: 5.811 min  
 Delta R.T.: -0.003 min  
 Response: 694085555  
 Conc: 57.01 ng/ml



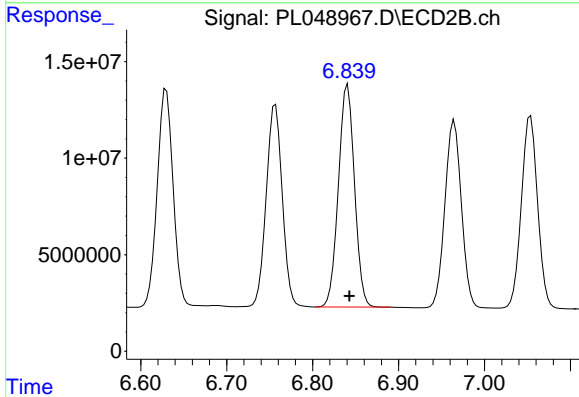
#14 Endrin  
 R.T.: 6.630 min  
 Delta R.T.: -0.003 min  
 Response: 143750152  
 Conc: 55.13 ng/ml



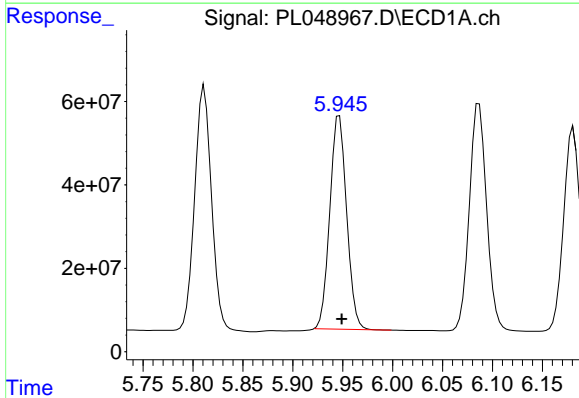
#15 Endosulfan II  
 R.T.: 6.087 min  
 Delta R.T.: -0.003 min  
 Response: 657419911  
 Conc: 56.97 ng/ml

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB119996BS

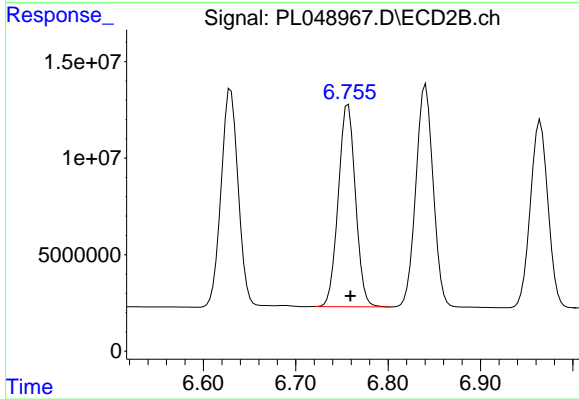
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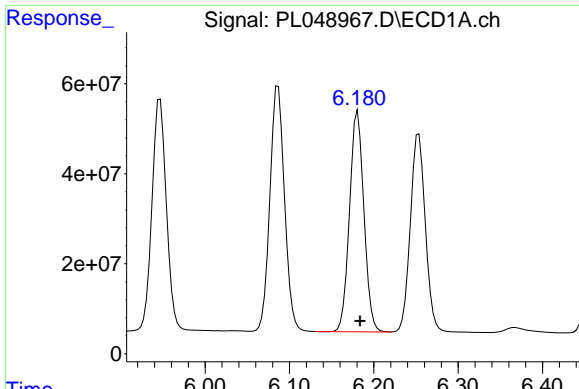
#15 Endosulfan II  
 R.T.: 6.841 min  
 Delta R.T.: -0.002 min  
 Response: 149951845  
 Conc: 55.61 ng/ml



#16 4,4'-DDD  
 R.T.: 5.947 min  
 Delta R.T.: -0.002 min  
 Response: 599890272  
 Conc: 61.63 ng/ml



#16 4,4'-DDD  
 R.T.: 6.757 min  
 Delta R.T.: -0.003 min  
 Response: 135362881  
 Conc: 60.32 ng/ml



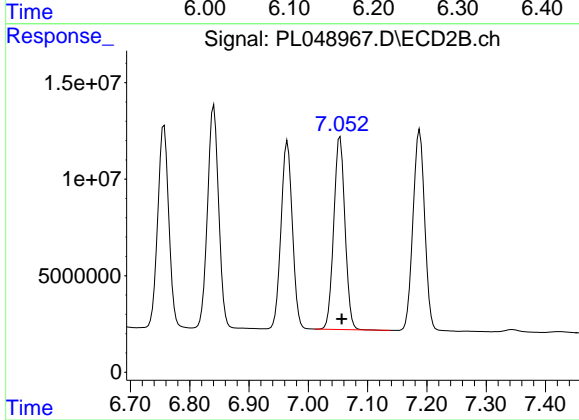
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: -0.003 min  
Response: 581617152  
Conc: 57.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119996BS

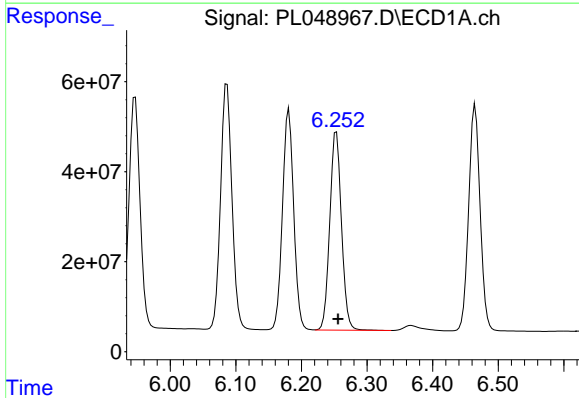
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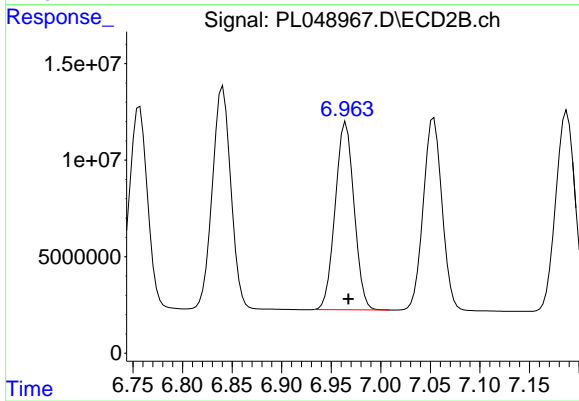
#17 4,4'-DDT

R.T.: 7.054 min  
Delta R.T.: -0.003 min  
Response: 131433004  
Conc: 56.01 ng/ml



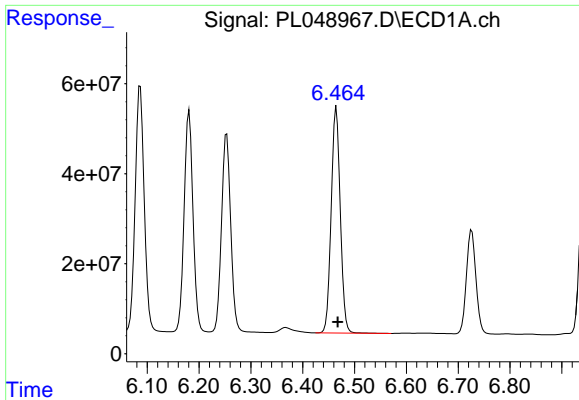
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: -0.003 min  
Response: 545649453  
Conc: 56.15 ng/ml



#18 Endrin aldehyde

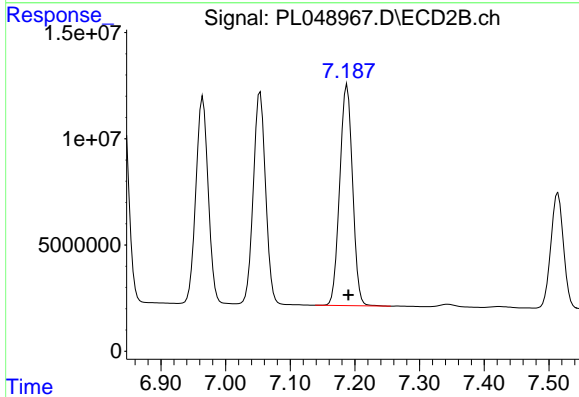
R.T.: 6.965 min  
Delta R.T.: -0.003 min  
Response: 128833818  
Conc: 54.98 ng/ml



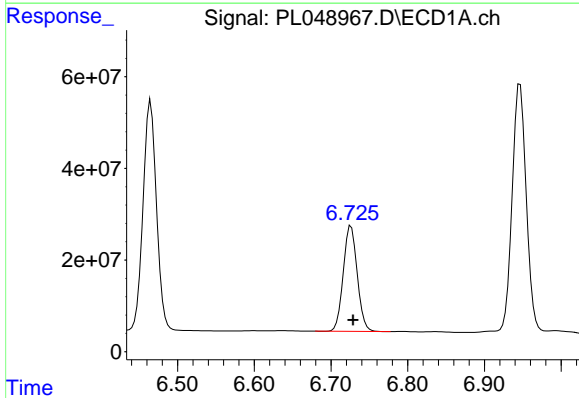
#19 Endosulfan Sulfate  
 R.T.: 6.465 min  
 Delta R.T.: -0.003 min  
 Response: 610791944  
 Conc: 56.91 ng/ml

Instrument :  
 ECD\_L  
 ClientSampled :  
 PB119996BS

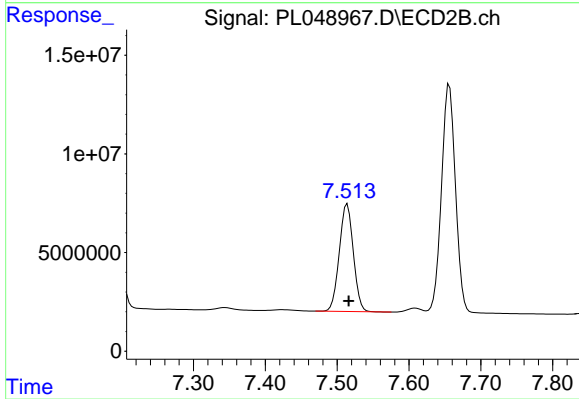
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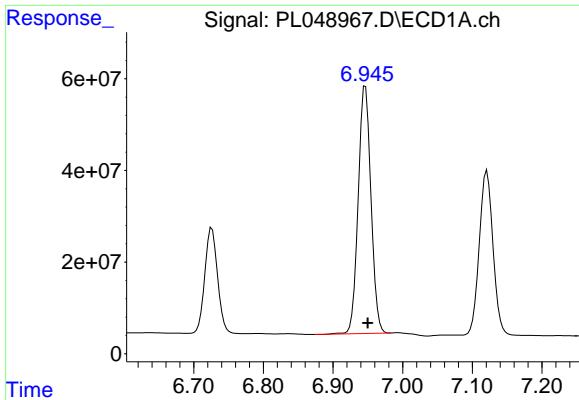
#19 Endosulfan Sulfate  
 R.T.: 7.188 min  
 Delta R.T.: -0.002 min  
 Response: 143521027  
 Conc: 55.45 ng/ml



#20 Methoxychlor  
 R.T.: 6.726 min  
 Delta R.T.: -0.003 min  
 Response: 293078187  
 Conc: 53.83 ng/ml



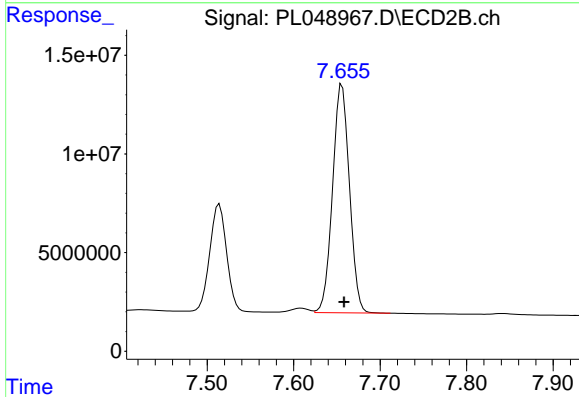
#20 Methoxychlor  
 R.T.: 7.514 min  
 Delta R.T.: -0.002 min  
 Response: 73770301  
 Conc: 54.04 ng/ml



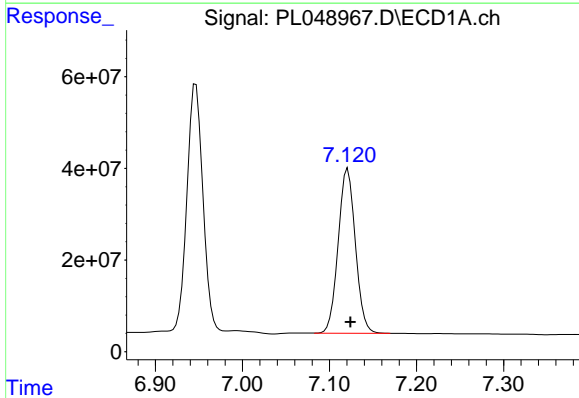
#21 Endrin ketone  
 R.T.: 6.947 min  
 Delta R.T.: -0.003 min  
 Response: 688126786  
 Conc: 59.04 ng/ml

Instrument :  
 ECD\_L  
 ClientSampled :  
 PB119996BS

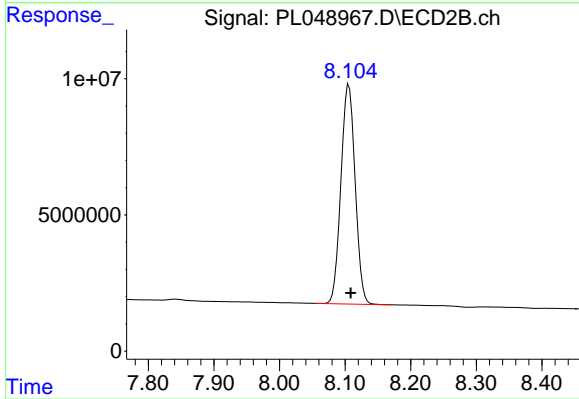
Manual Integrations  
**APPROVED**  
 Ankita  
 5/28/2019 8:33:28 AM



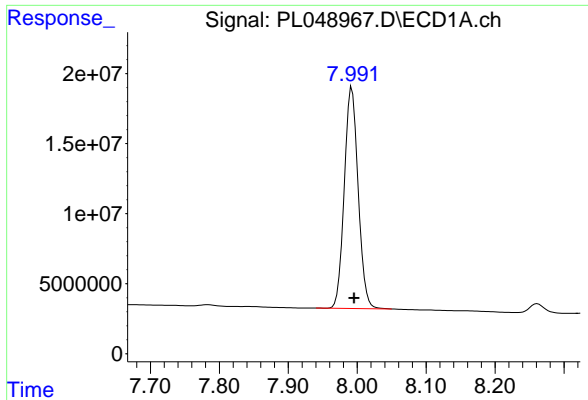
#21 Endrin ketone  
 R.T.: 7.656 min  
 Delta R.T.: -0.002 min  
 Response: 156314572  
 Conc: 59.83 ng/ml



#22 Mirex  
 R.T.: 7.120 min  
 Delta R.T.: -0.004 min  
 Response: 492513435  
 Conc: 54.94 ng/ml m



#22 Mirex  
 R.T.: 8.106 min  
 Delta R.T.: -0.003 min  
 Response: 121426677  
 Conc: 57.58 ng/ml



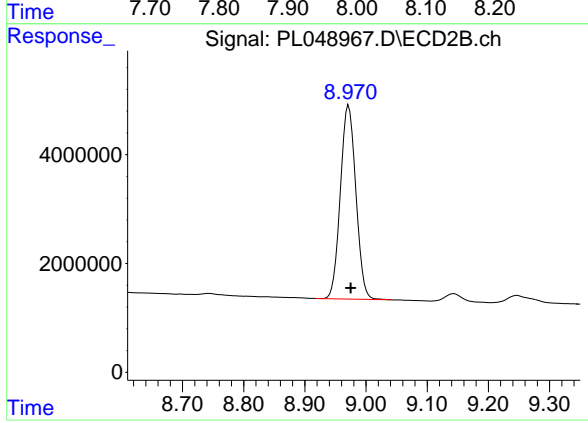
#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.003 min  
Response: 220865348  
Conc: 21.97 ng/ml

Instrument :  
ECD\_L  
ClientSampled :  
PB119996BS

Manual Integrations  
APPROVED

Ankita  
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#28 Decachlorobiphenyl

R.T.: 8.972 min  
Delta R.T.: -0.003 min  
Response: 62698800  
Conc: 23.62 ng/ml