

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047909.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 4:56
 Operator : UA/AJ
 Sample : BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ-NPW-Precision-Bias-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:04:54 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
 Quant Title : GC Extractables
 QLast Update : Thu May 24 12:13:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.424	4.039	21359813	367.3E6	18.602	20.428
28)	SA Decachlor...	8.145	9.116	26605140	388.0E6	18.835	22.774
Target Compounds							
2)	A alpha-BHC	3.861	4.424	100.9E6	1451.2E6	54.614	50.733
3)	MA gamma-BHC...	4.142	4.708	91921309	1310.3E6	54.683	53.086
4)	MA Heptachlor	4.434	5.227	90641792	1348.2E6	54.001	53.616
5)	MB Aldrin	4.678	5.534	89291760	1267.3E6	55.137	52.969
6)	B beta-BHC	4.390	4.868	37892229	600.6E6	52.777	52.831
7)	B delta-BHC	4.592	5.087	81187481	1190.5E6	47.158	45.846
8)	B Heptachlo...	5.120	5.915	83886495	1175.4E6	55.147	52.912
9)	A Endosulfan I	5.455	6.272	77870747	1087.6E6	55.145	53.748
10)	B gamma-Chl...	5.343	6.149	84814426	1212.5E6	55.315	52.914
11)	B alpha-Chl...	5.401	6.223	82607504	1171.1E6	55.131	53.249
12)	B 4,4'-DDE	5.567	6.376	85261364	1164.6E6	55.048	54.259
13)	MA Dieldrin	5.697	6.527	89699018	1200.8E6	55.325	54.373
14)	MA Endrin	5.953	6.744	80116688	997.4E6	53.277	53.797
15)	B Endosulfa...	6.226	6.946	79444825	1046.0E6	55.873	54.601
16)	A 4,4'-DDD	6.082	6.859	72908049	973.7E6	55.866	55.046
17)	MA 4,4'-DDT	6.320	7.160	75890976	969.6E6	55.168	57.281
18)	B Endrin al...	6.395	7.069	65762964	891.9E6	55.536	54.868
19)	B Endosulfa...	6.607	7.292	70441317	1001.7E6	51.520	52.975
20)	A Methoxychlor	6.869	7.612	41864138	519.6E6	53.485	56.621
21)	B Endrin ke...	7.097	7.761	93052824	1061.4E6	55.866	56.396
22)	Mirex	7.935f	7.292	5286598	1001.7E6	NoCal	51.821 #
23)	Chlordane-1	4.353	5.087	1472766	1190.5E6	25.497	1169.465 #
24)	Chlordane-2	0.000	5.534	0	1267.3E6	N.D.	1342.129 #
25)	Chlordane-3	5.343	6.149	84814426	1212.5E6	472.091	378.865
26)	Chlordane-4	5.401	6.223	82607504	1171.1E6	519.239	318.184 #
27)	Chlordane-5	6.226	7.069	79444825	891.9E6	1338.936	1068.843

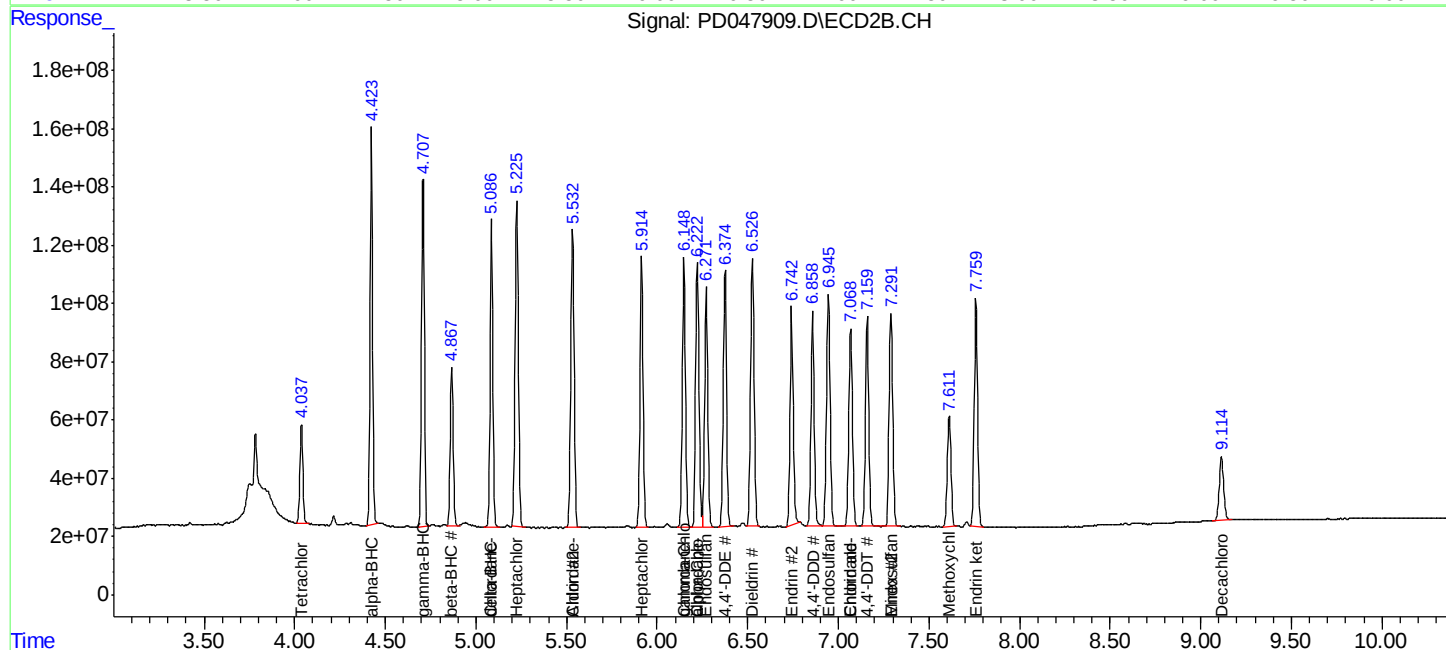
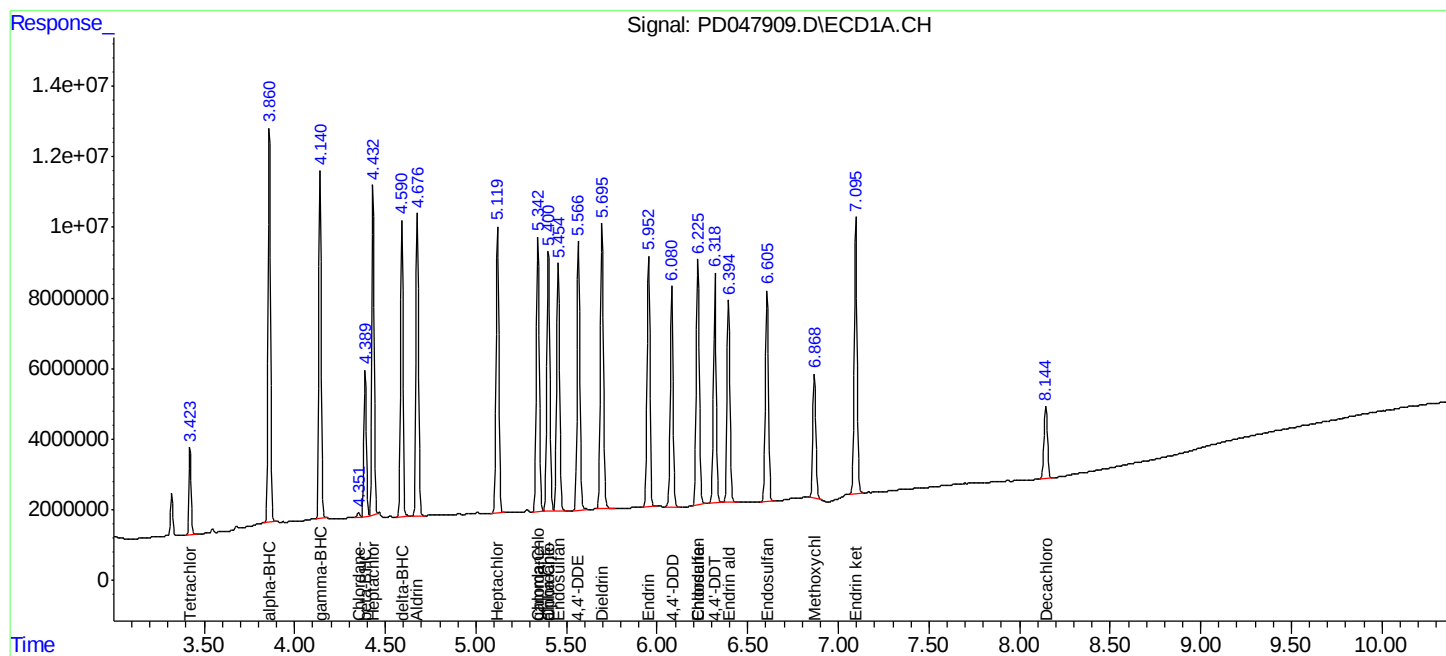
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

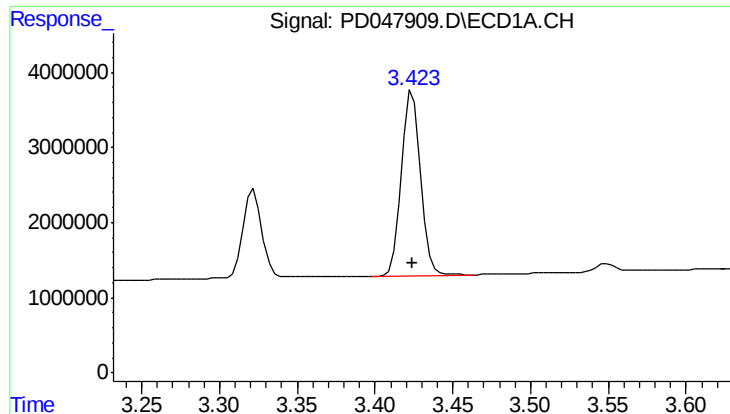
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
Data File : PD047909.D
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LOQ-NPW-Precision-Bias-3

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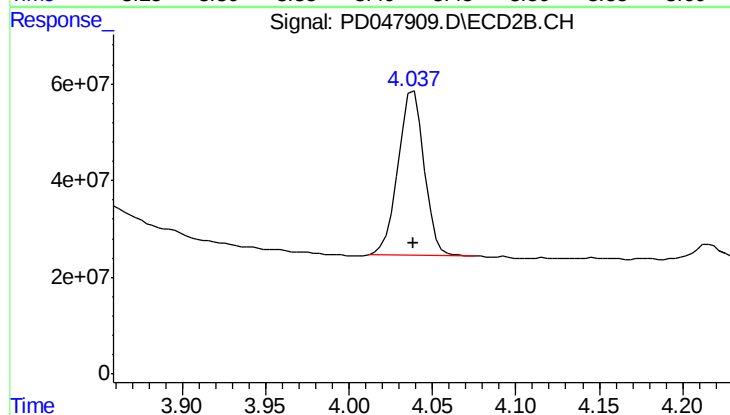




#1 Tetrachloro-m-xylene

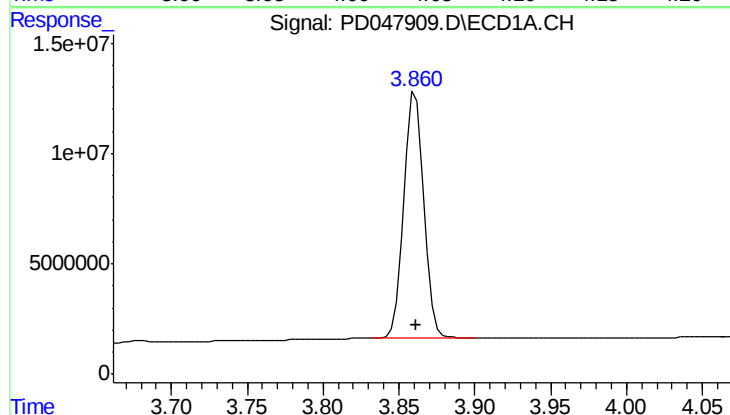
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 21359813
Conc: 18.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



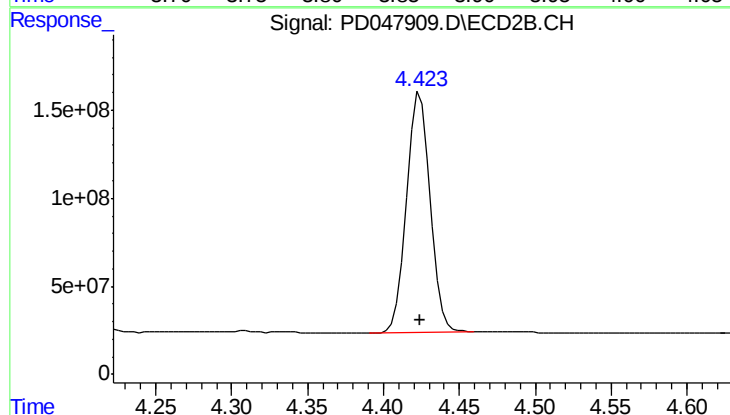
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 367316161
Conc: 20.43 ng/ml



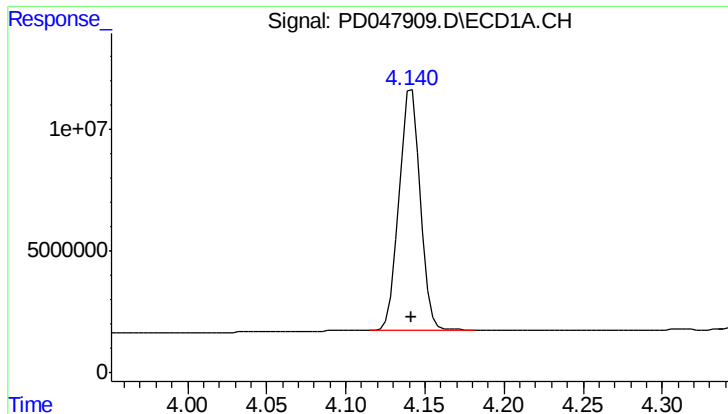
#2 alpha-BHC

R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 100926816
Conc: 54.61 ng/ml



#2 alpha-BHC

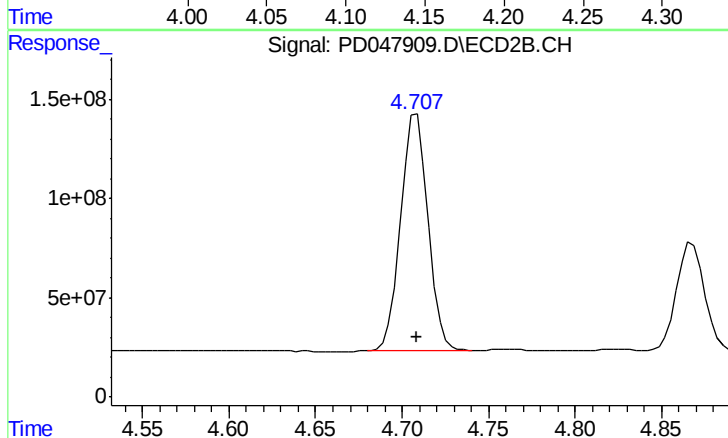
R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 1451186160
Conc: 50.73 ng/ml



#3 gamma-BHC (Lindane)

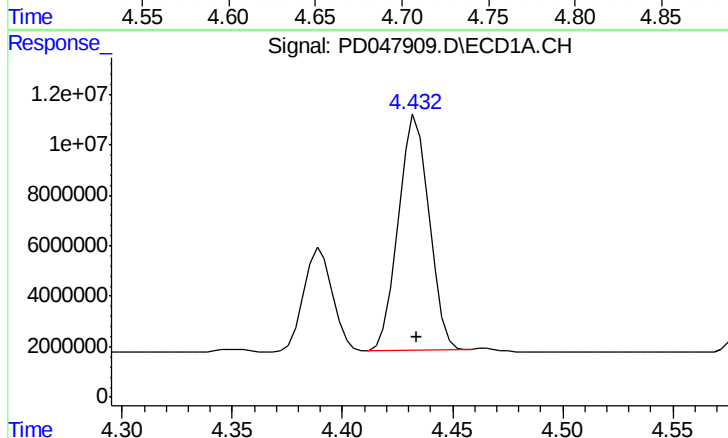
R.T.: 4.142 min
Delta R.T.: 0.000 min
Response: 91921309
Conc: 54.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



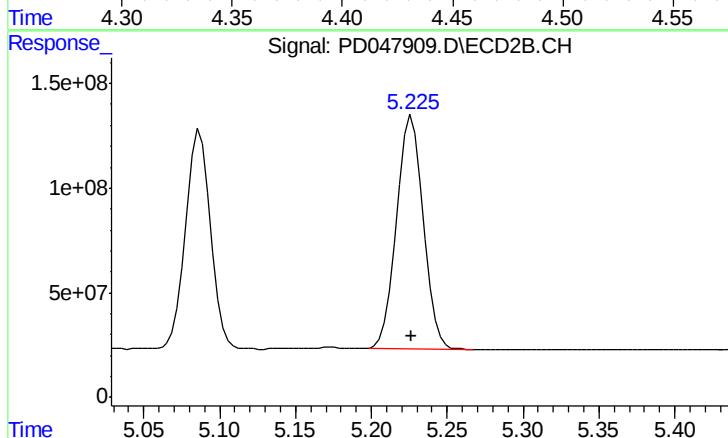
#3 gamma-BHC (Lindane)

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 1310278640
Conc: 53.09 ng/ml



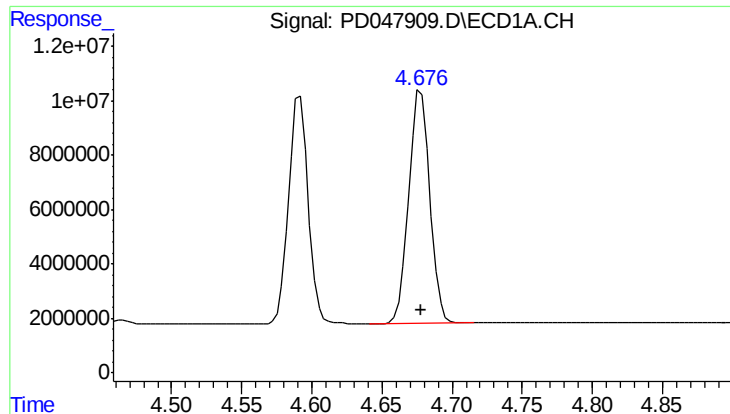
#4 Heptachlor

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 90641792
Conc: 54.00 ng/ml



#4 Heptachlor

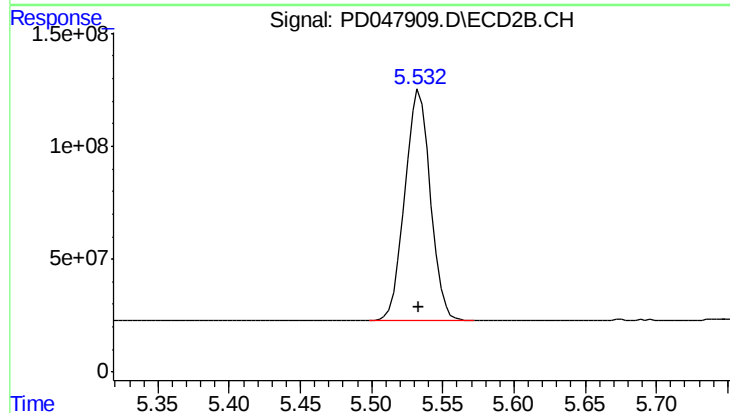
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 1348181542
Conc: 53.62 ng/ml



#5 Aldrin

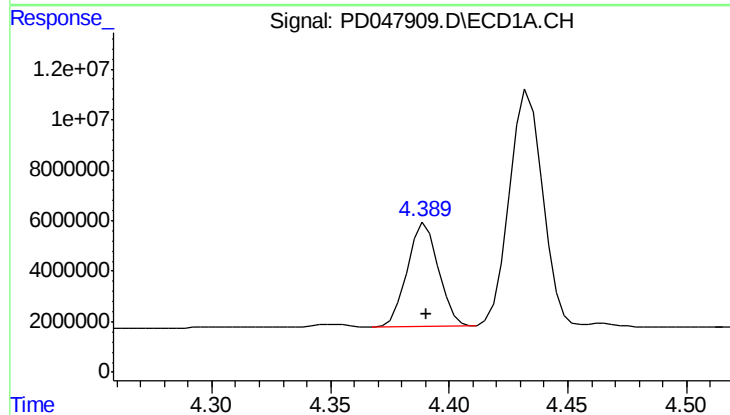
R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 89291760
Conc: 55.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



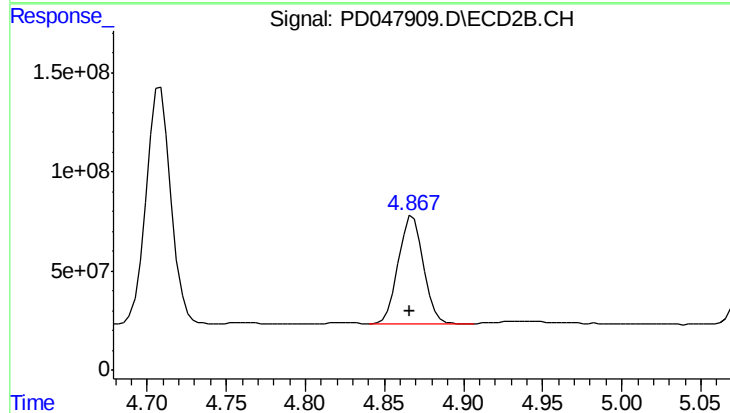
#5 Aldrin

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 1267280236
Conc: 52.97 ng/ml



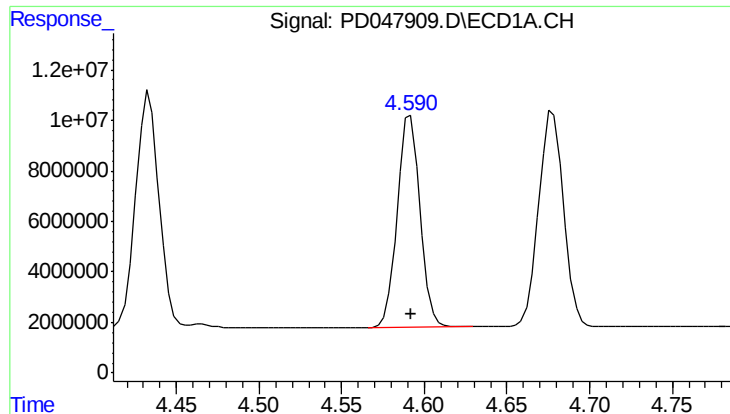
#6 beta-BHC

R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 37892229
Conc: 52.78 ng/ml



#6 beta-BHC

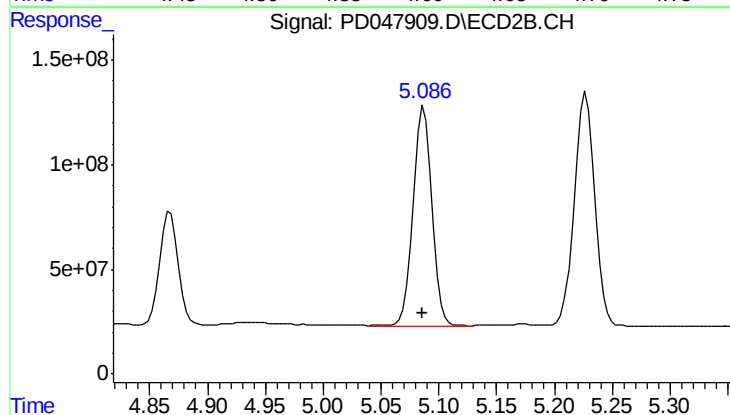
R.T.: 4.868 min
Delta R.T.: 0.002 min
Response: 600641807
Conc: 52.83 ng/ml



#7 delta-BHC

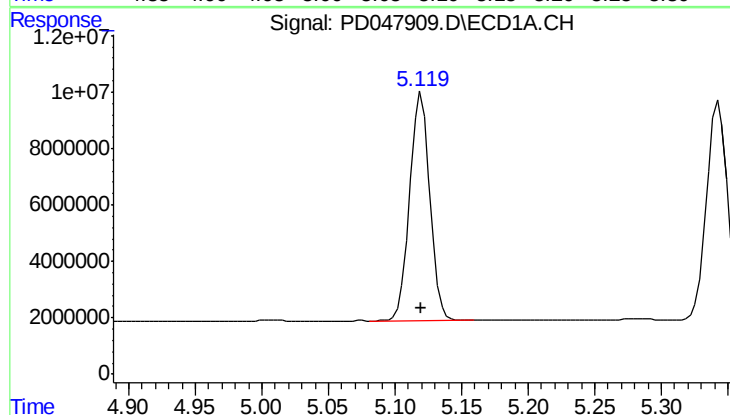
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 81187481
Conc: 47.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



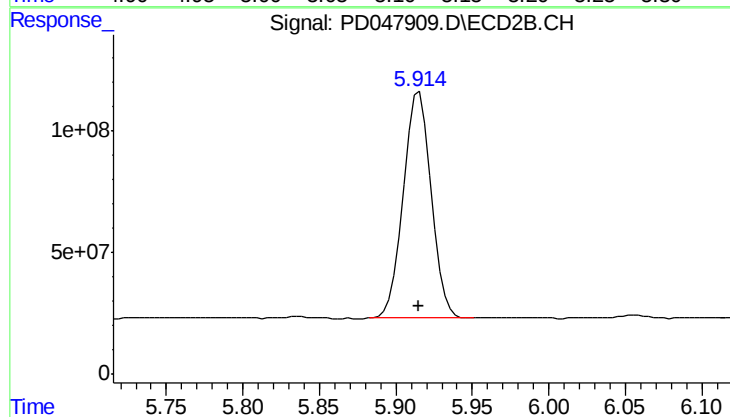
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 1190547361
Conc: 45.85 ng/ml



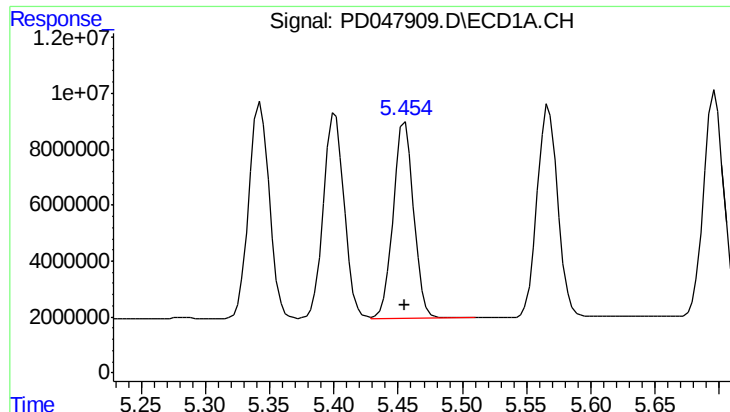
#8 Heptachlor epoxide

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 83886495
Conc: 55.15 ng/ml



#8 Heptachlor epoxide

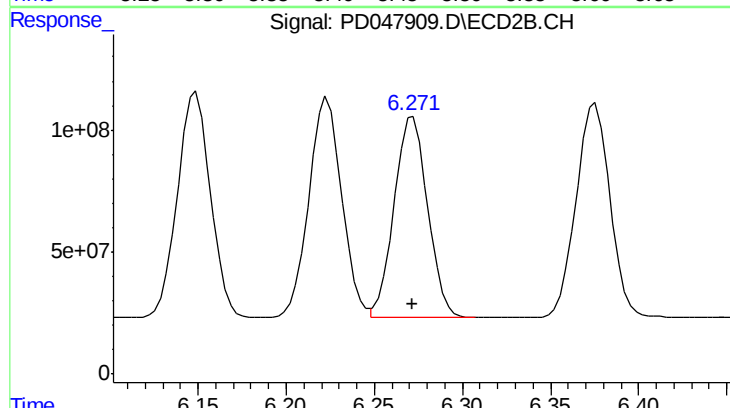
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 1175421961
Conc: 52.91 ng/ml



#9 Endosulfan I

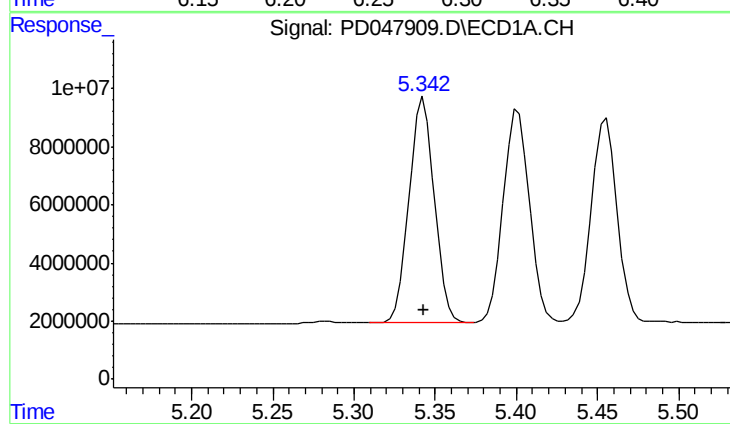
R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 77870747
Conc: 55.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



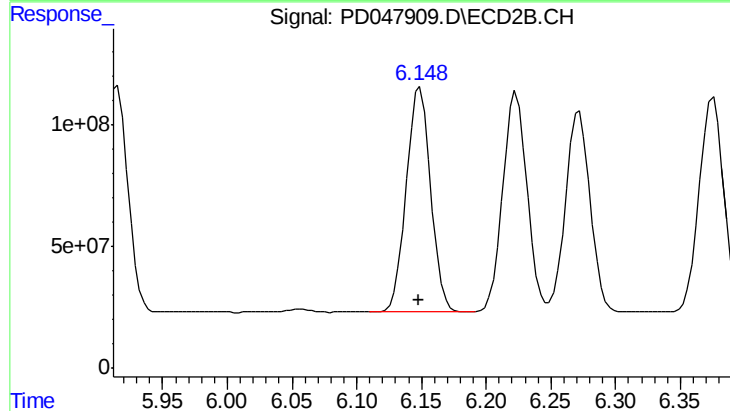
#9 Endosulfan I

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 1087634489
Conc: 53.75 ng/ml



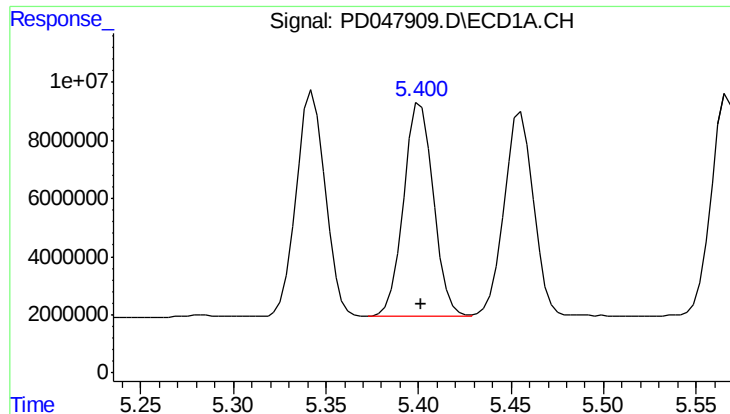
#10 gamma-Chlordane

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 84814426
Conc: 55.32 ng/ml



#10 gamma-Chlordane

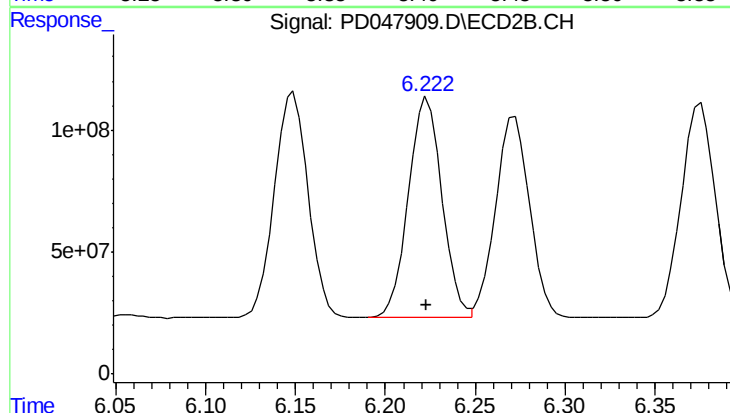
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 1212509095
Conc: 52.91 ng/ml



#11 alpha-Chlordane

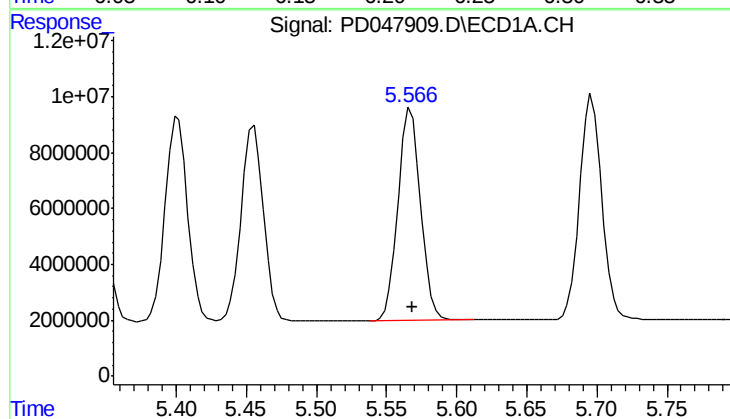
R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 82607504
Conc: 55.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



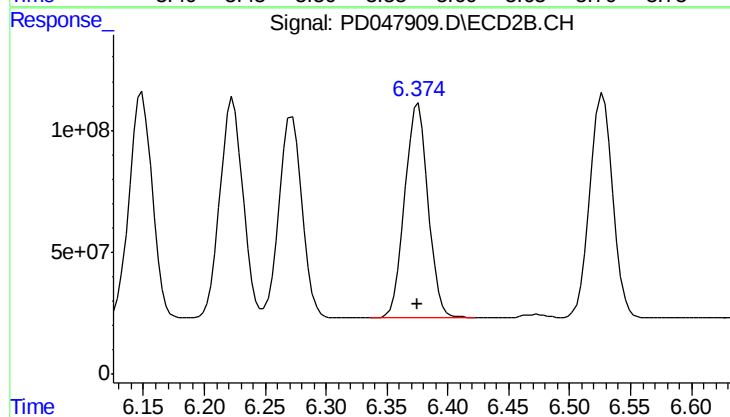
#11 alpha-Chlordane

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 1171119454
Conc: 53.25 ng/ml



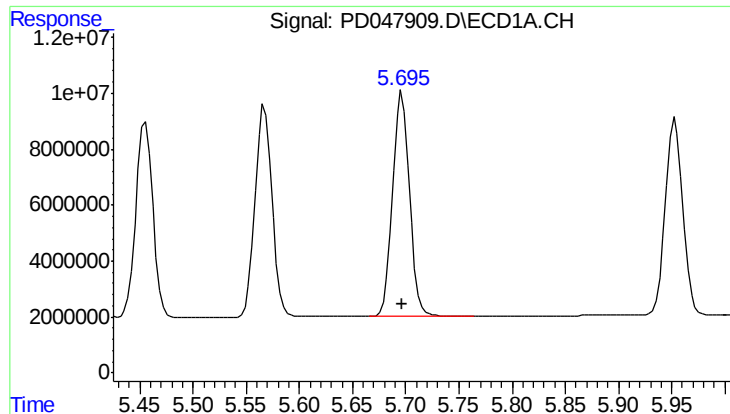
#12 4,4'-DDE

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 85261364
Conc: 55.05 ng/ml



#12 4,4'-DDE

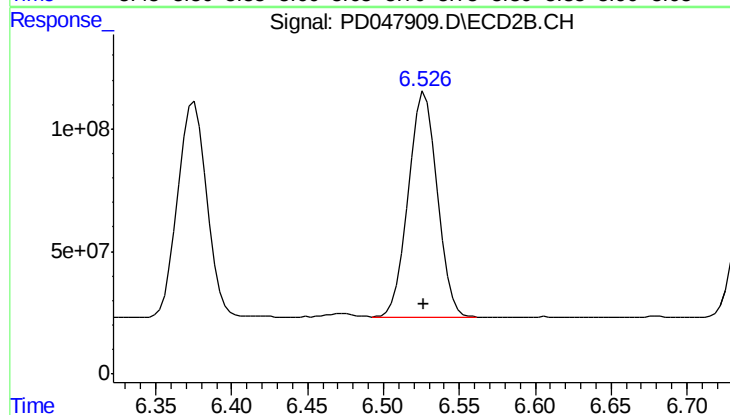
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 1164630633
Conc: 54.26 ng/ml



#13 Dieldrin

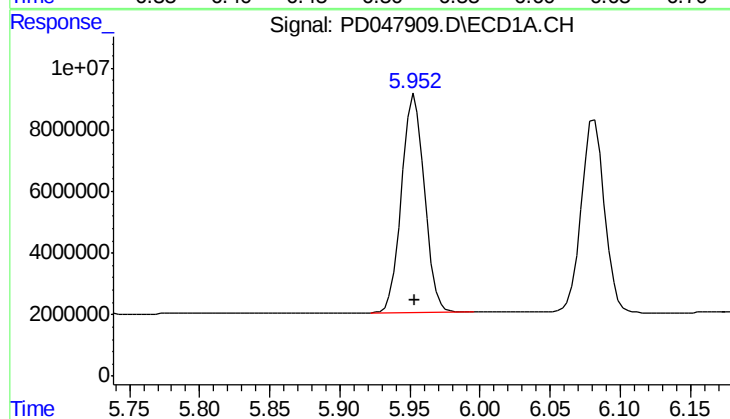
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 89699018
Conc: 55.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



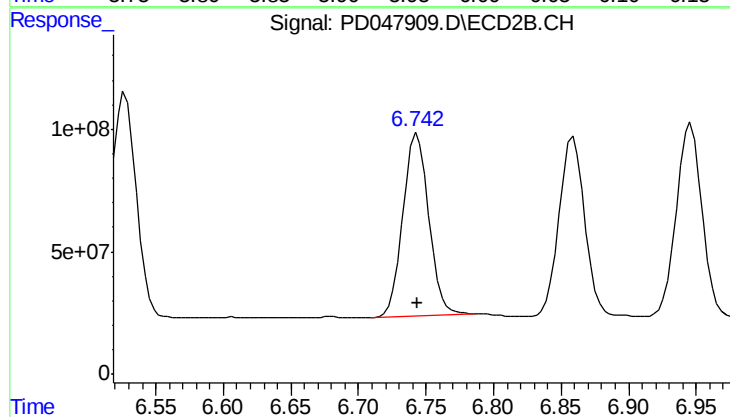
#13 Dieldrin

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 1200793016
Conc: 54.37 ng/ml



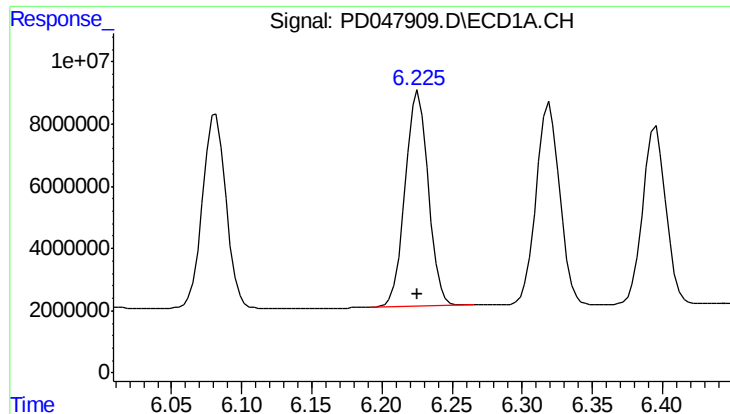
#14 Endrin

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 80116688
Conc: 53.28 ng/ml



#14 Endrin

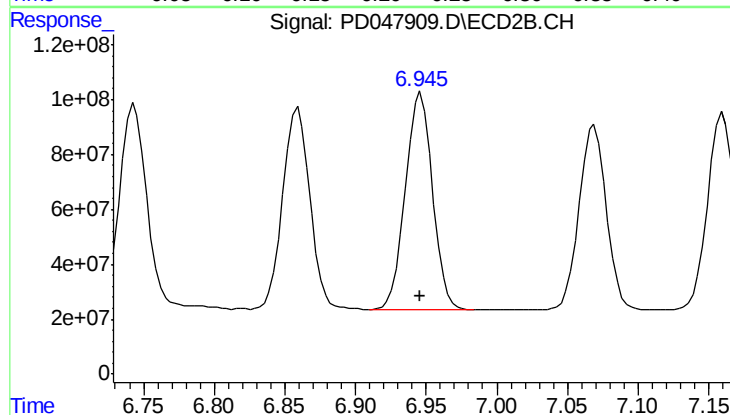
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 997434749
Conc: 53.80 ng/ml



#15 Endosulfan II

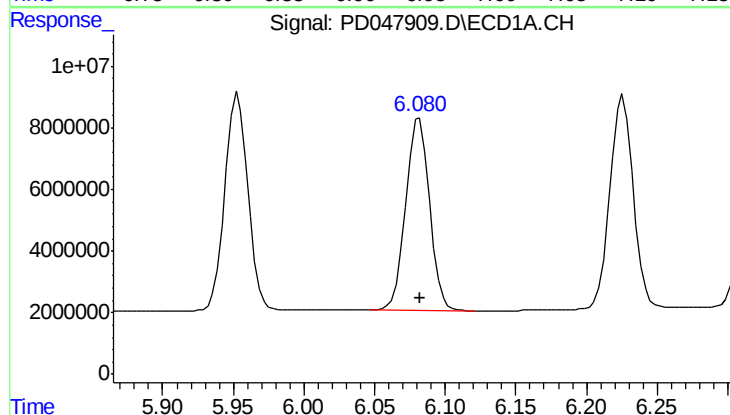
R.T.: 6.226 min
Delta R.T.: 0.001 min
Response: 79444825
Conc: 55.87 ng/ml

Instrument :
ECD_O
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LOQ-NPW-Precision-Bias-3



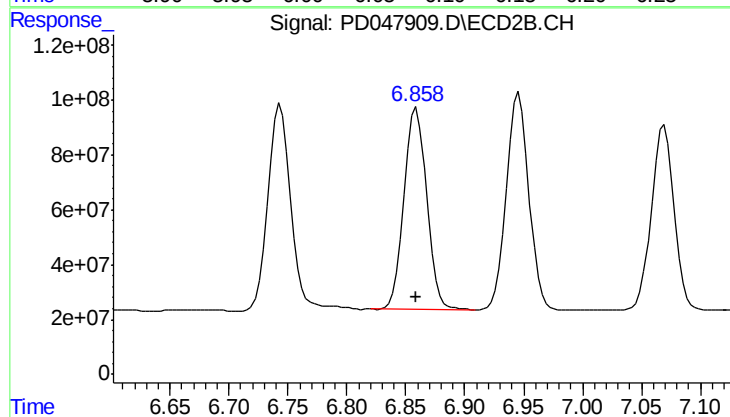
#15 Endosulfan II

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 1045997880
Conc: 54.60 ng/ml



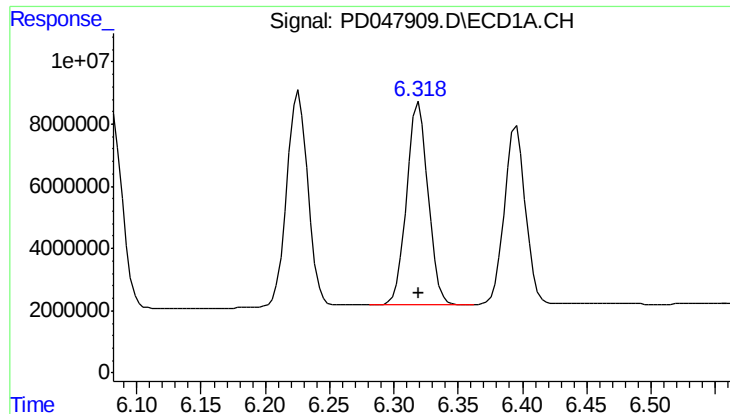
#16 4,4'-DDD

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 72908049
Conc: 55.87 ng/ml



#16 4,4'-DDD

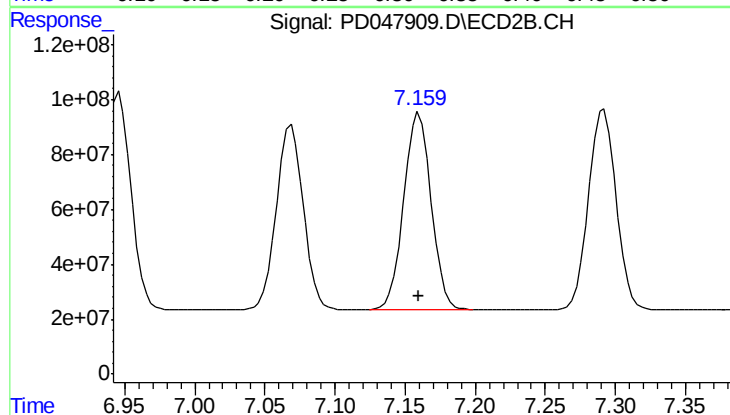
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 973690046
Conc: 55.05 ng/ml



#17 4,4'-DDT

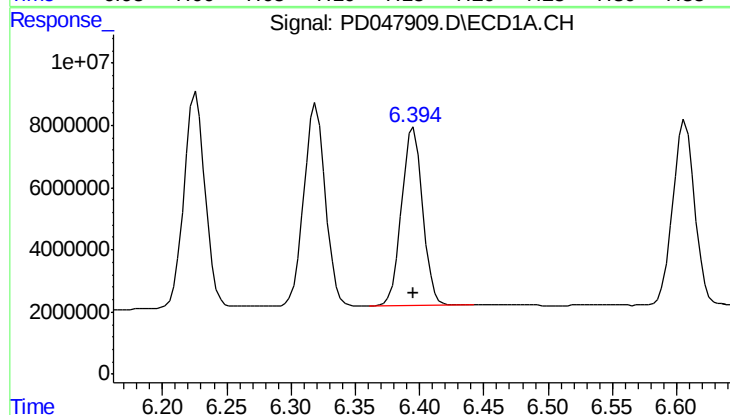
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 75890976
Conc: 55.17 ng/ml

Instrument :
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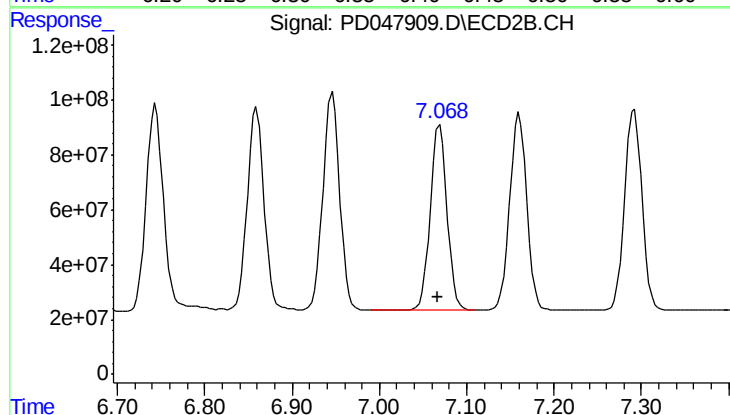
#17 4,4'-DDT

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 969618449
Conc: 57.28 ng/ml



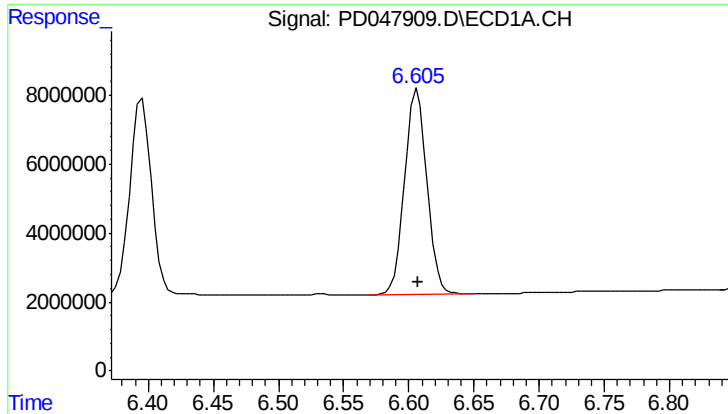
#18 Endrin aldehyde

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 65762964
Conc: 55.54 ng/ml



#18 Endrin aldehyde

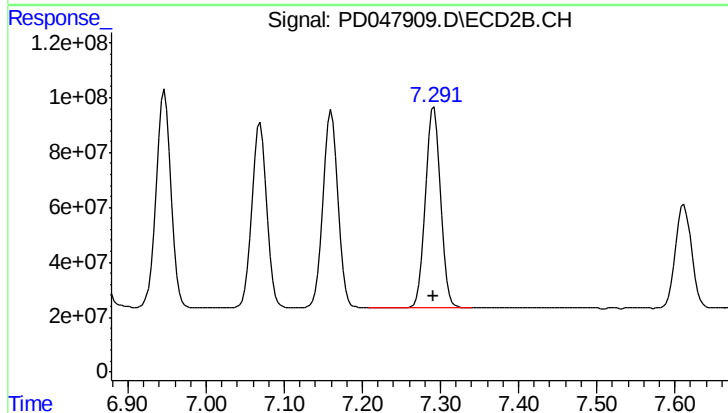
R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 891930333
Conc: 54.87 ng/ml



#19 Endosulfan Sulfate

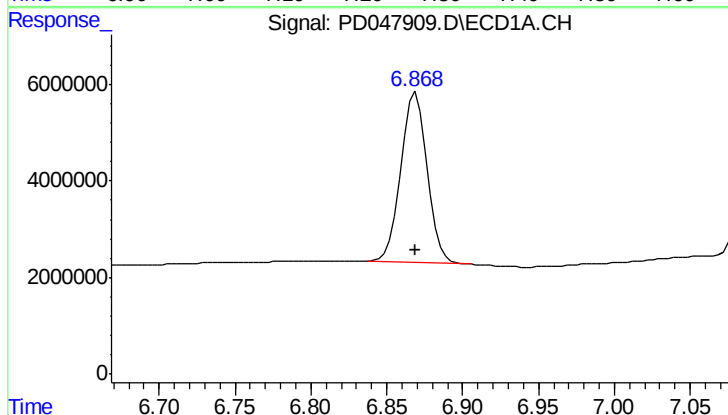
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 70441317
Conc: 51.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



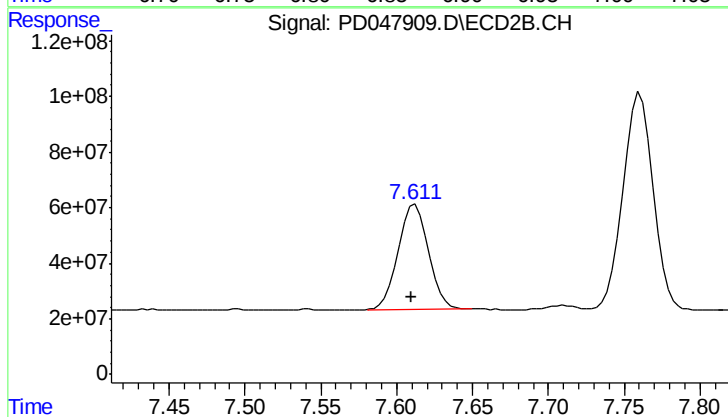
#19 Endosulfan Sulfate

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 1001666604
Conc: 52.97 ng/ml



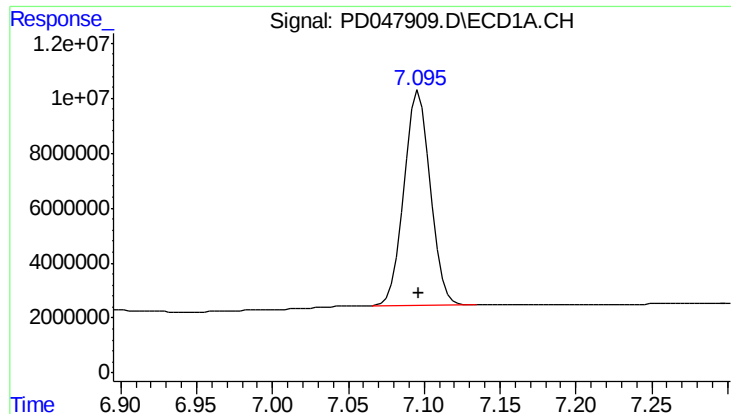
#20 Methoxychlor

R.T.: 6.869 min
Delta R.T.: 0.000 min
Response: 41864138
Conc: 53.48 ng/ml



#20 Methoxychlor

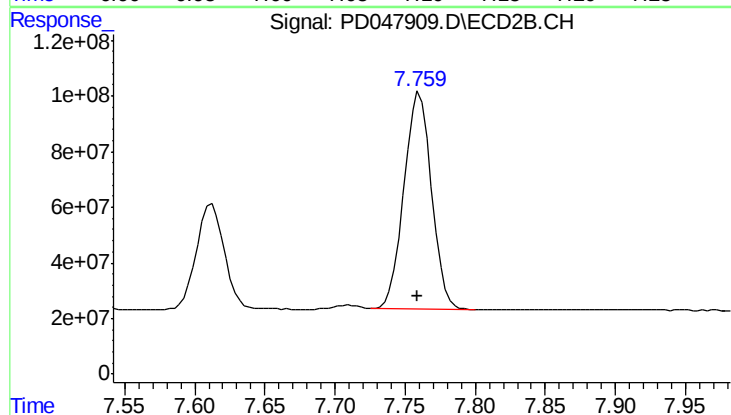
R.T.: 7.612 min
Delta R.T.: 0.002 min
Response: 519598274
Conc: 56.62 ng/ml



#21 Endrin ketone

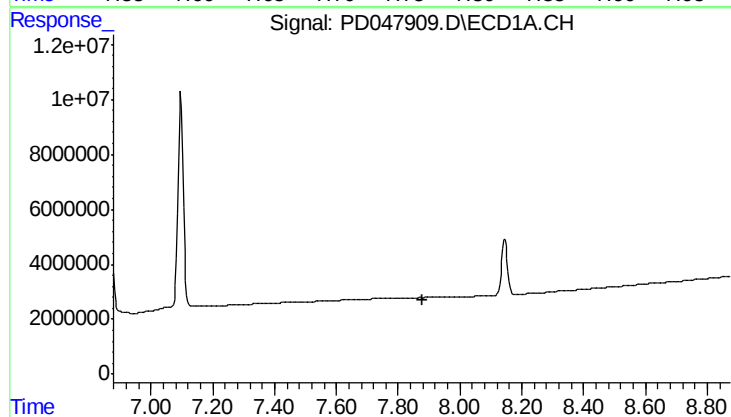
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 93052824
Conc: 55.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



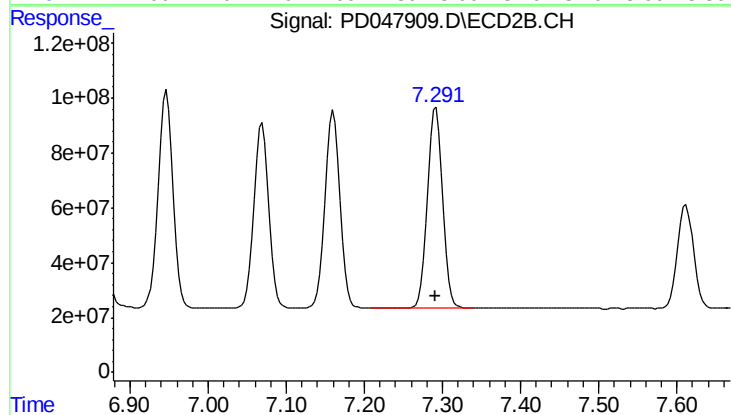
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.001 min
Response: 1061438241
Conc: 56.40 ng/ml



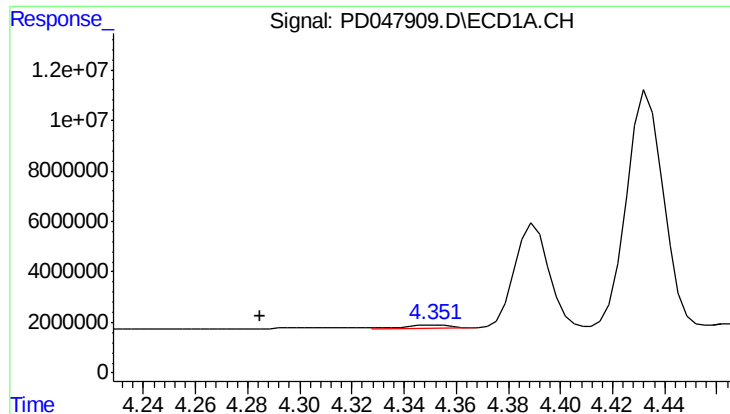
#22 Mirex

R.T.: 7.935 min
Delta R.T.: 0.057 min
Response: 5286598
Conc: N.D.



#22 Mirex

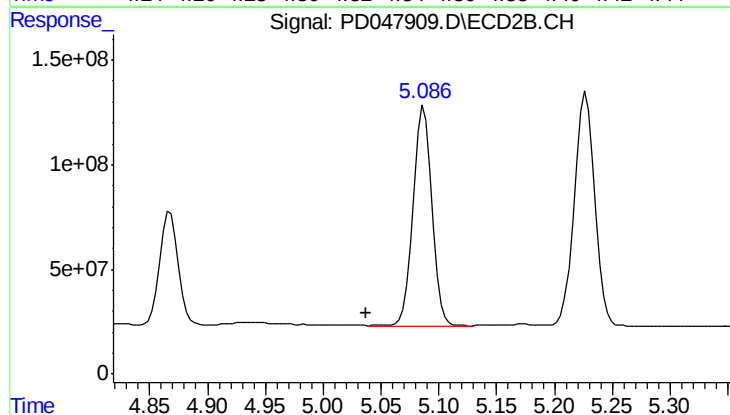
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 1001666604
Conc: 51.82 ng/ml



#23 Chlordane-1

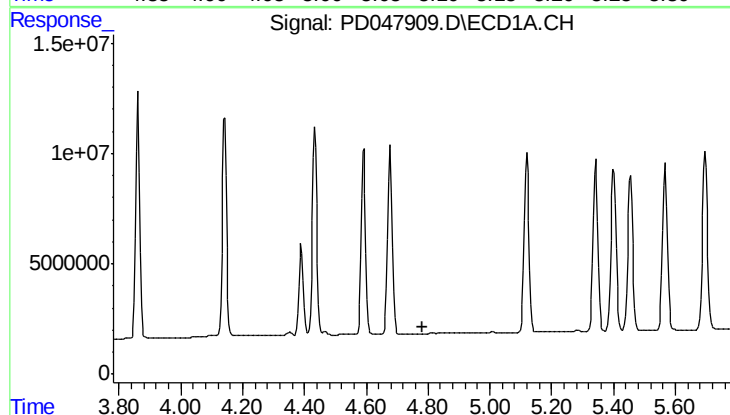
R.T.: 4.353 min
Delta R.T.: 0.068 min
Response: 1472766
Conc: 25.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



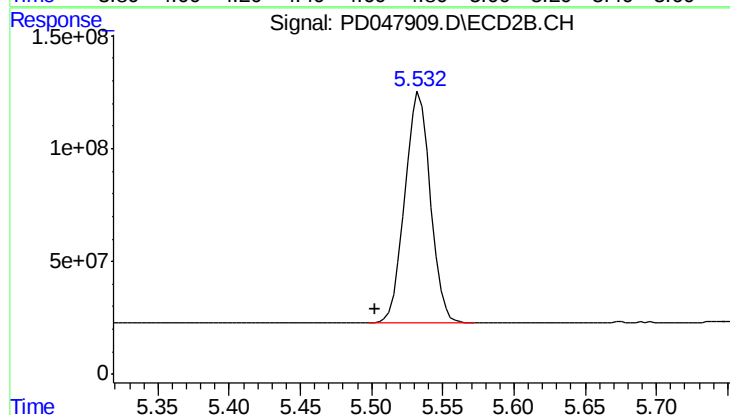
#23 Chlordane-1

R.T.: 5.087 min
Delta R.T.: 0.050 min
Response: 1190547361
Conc: 1169.47 ng/ml



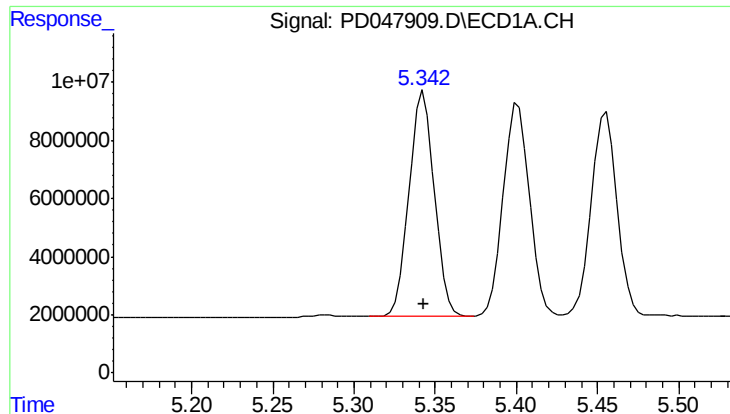
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.780 min
Response: 0
Conc: N.D.



#24 Chlordane-2

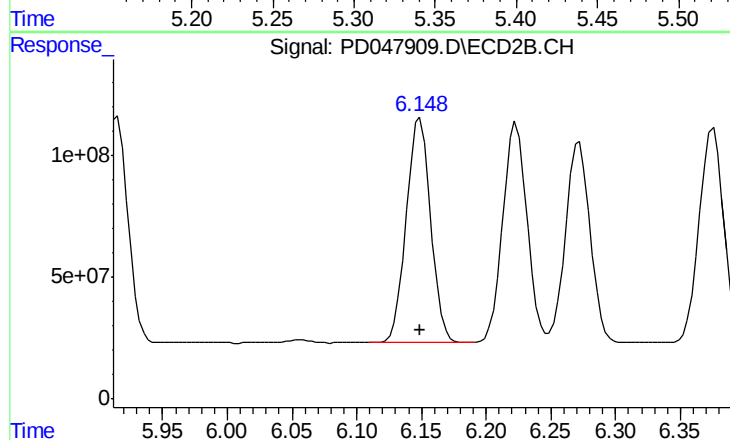
R.T.: 5.534 min
Delta R.T.: 0.031 min
Response: 1267280236
Conc: 1342.13 ng/ml



#25 Chlordane-3

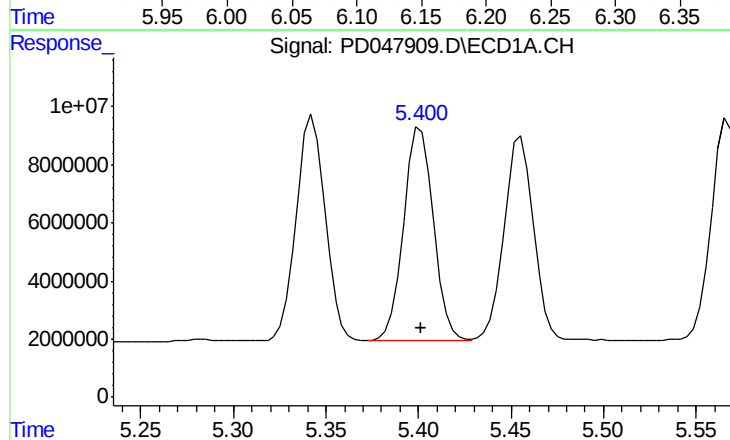
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 84814426
Conc: 472.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



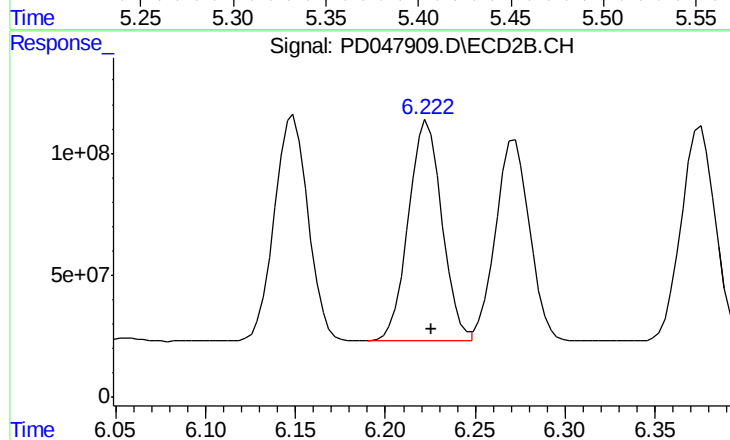
#25 Chlordane-3

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 1212509095
Conc: 378.87 ng/ml



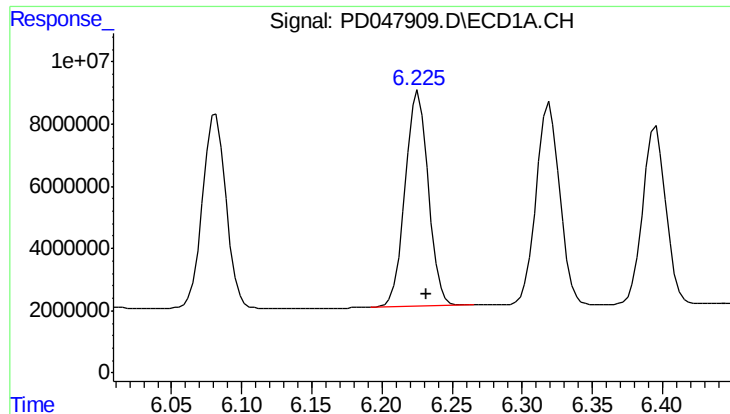
#26 Chlordane-4

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 82607504
Conc: 519.24 ng/ml



#26 Chlordane-4

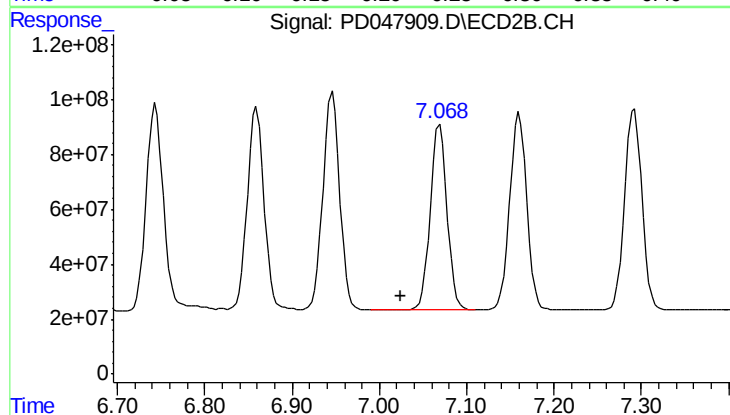
R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 1171119454
Conc: 318.18 ng/ml



#27 Chlordane-5

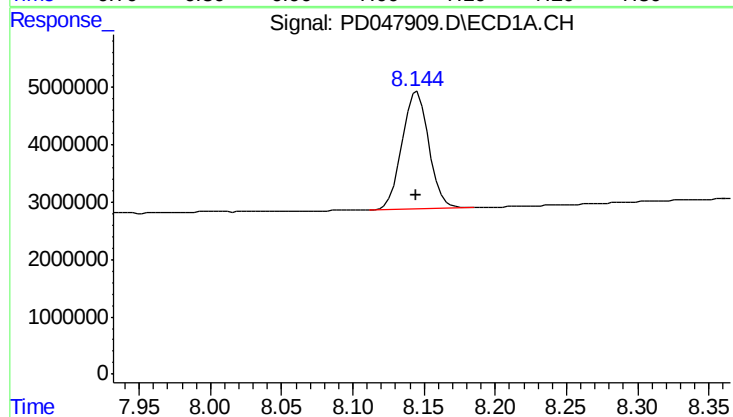
R.T.: 6.226 min
Delta R.T.: -0.006 min
Response: 79444825
Conc: 1338.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-3



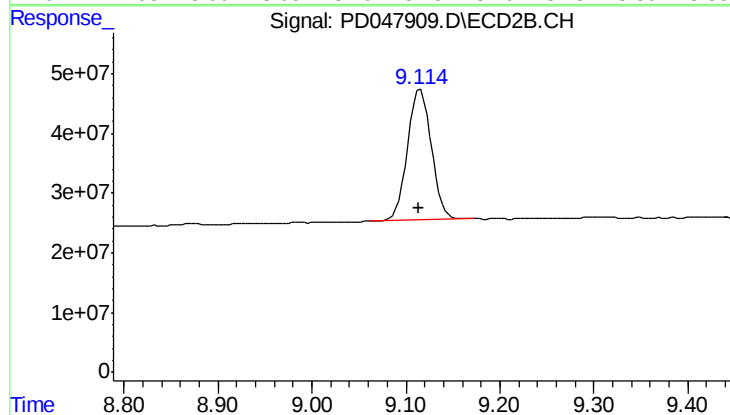
#27 Chlordane-5

R.T.: 7.069 min
Delta R.T.: 0.045 min
Response: 891930333
Conc: 1068.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 26605140
Conc: 18.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 388021980
Conc: 22.77 ng/ml